Maritime Heritage Minnesota

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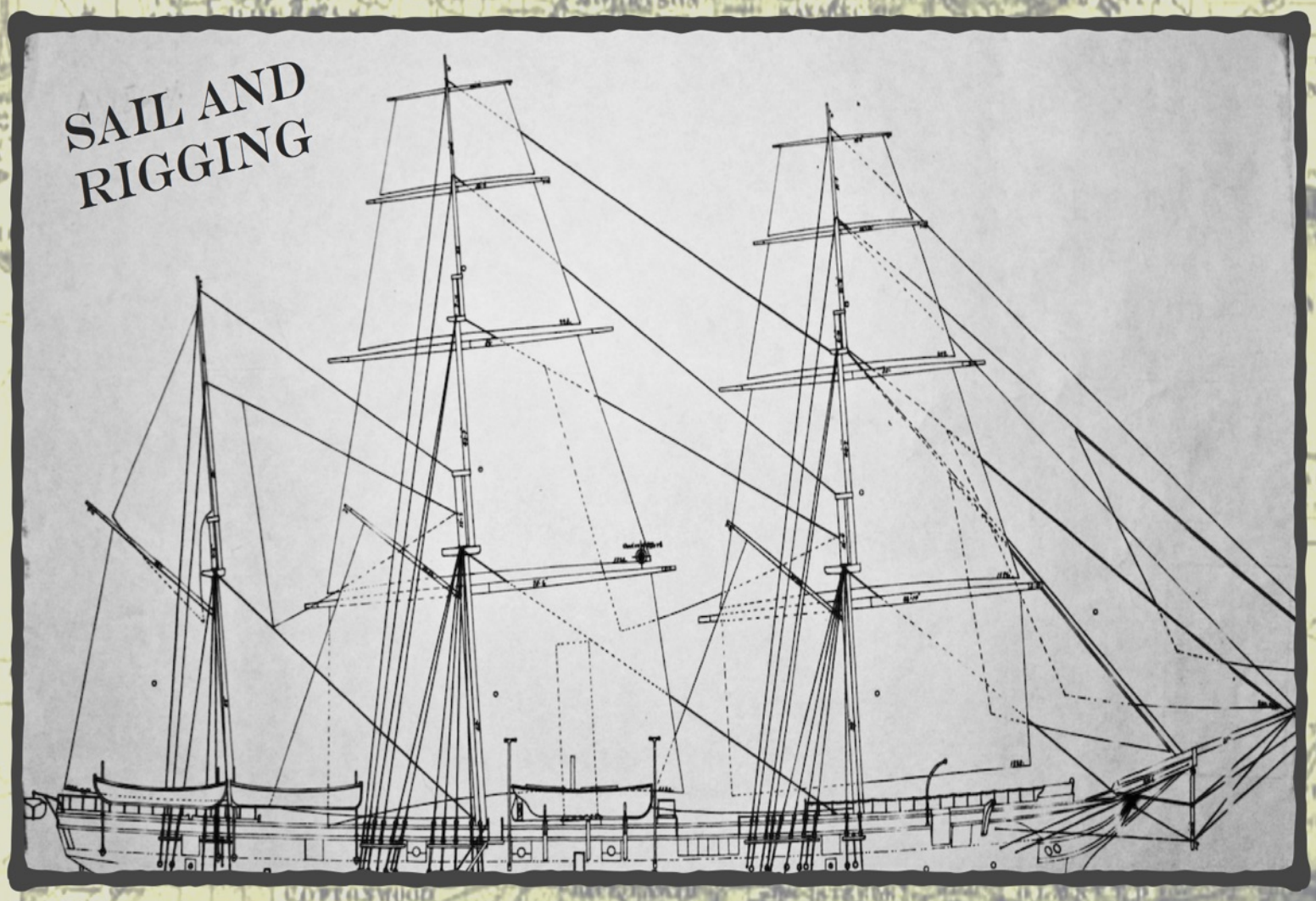
CLEAN WATER LAND & LEGACY AMENDMENT

Log Book 6 of the USS Essex

October 7, 1878 - April 25, 1879

The Day-to-Day Operations of Shipbuilder Donald McKay's Last Ship



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USS *Essex* Log Book 6

Finding Aid

Adams class ship USS *Essex* (IX-10) was designed and constructed by premier North American shipwright Donald McKay. Her keel was laid down in 1874 and she was launched in 1876. She was a three-decked wooden screw steamer sloop-of-war with auxiliary sail (bark-rigged). She was 185 feet long, 35 feet in the beam, had a 14.25-foot draft, and was 1,375 tons. When commissioned, she carried six big guns, all muzzle loaders: one XI-inch and four IX-inch Dahlgren Naval Artillery guns, and one 60-pound Parrott Rifle The ship's armory carried dozens of small arms including rifles, pistols, revolvers, and cutlasses. Further, she carried a six auxiliary boats including a launch, two cutters, a whale boat, one gig, and a dinghy. The combinations of guns and watercraft carried on board USS *Essex* could change from log book to log book. She served with the US Navy in active duty and as a training ship with the Ohio Naval Militia, the Illinois Naval Militia, and the Minnesota Naval Militia. She was intentionally burned on Minnesota Point in Lake Superior at Duluth in 1931. Her Minnesota Archaeological Site Number is 21-SL-1030 and she is a National Register of Historic Places Property.

Maritime Heritage Minnesota digitized the 62 known USS *Essex* log books held at the National Archives in Washington, DC, and at the US Naval Academy in Annapolis in 2010. The log books consist of the daily activities on board the *Essex* as recorded by deck officers on duty. Those deck notes were then transcribed to be the official log of the *Essex* that were sent to the Navy Department in Washington, DC, where they were bound into their current book form. At the beginning of most log books, there are: a title page, two list of officers pages, a crew complement page (listing the crew by rank and job), an armaments page (list of the different large guns, boats, and small arms), and two pages of compass observations. Not all log books contain these pages and some include additional information, including a plan and section of the *Essex* in Log Books 8 and 9 and four pages of directions on how to fill out log pages in Log Book 21. Sometimes two transcribed versions of log pages were sent to the Navy Department and duplicate books were produced. However, sometimes the duplicate books were not bound with exactly the same pages, so some books overlap each other in date. Also, some log book pages have writing too close to its spine edge and after binding, some words and numbers were 'lost' in the spine if the binding remained tight over the decades. Further, it must be kept in mind that the names of ships, both American and foreign, as well as geographical locations usually expressed in different languages will have variations in spelling. With this in mind, the deck officers of the *Essex*, when writing the log pages, may misunderstand what the actual name of a ship or geographical marker actually is and their handwriting may present challenges or be nearly illegible. The digitization and editing of the USS *Essex* log books were made possible with funding provided by the Minnesota Historical and Cultural Heritage Grant

program, part of the Arts and Cultural Heritage Fund of the Clean Water, Land and Legacy Amendment.

Log Book 6 of the USS *Essex*: October 7, 1878 - April 24, 1879

The National Archives houses USS *Essex* Log Book 6. Throughout Log Book 6, comments were made on:

- sail adjustments with sail type and action specified
- banking of boiler fires in order to put the ship on stand-by for immediate use
- coupling and uncoupling the propellor when the ship was shifting from steam to sail and *vice-versa*
- when under steam the different watches record the average steam boiler pressure and engine revolutions
- lowering of smokestack and proceeded under sail and *vice-versa* when the *Essex* was underway
- when anchored nearly every watch described the state of the anchor cables: crossed ('cross in hawse, stbd chain on top' or 'Elbow in hawse') and often will mention 'clearing the hawse' (the crossed anchor cables were uncrossed)
- casting deep sea lead for soundings
- patent log readings
- water distillation using the ship's boilers to produce freshwater and refilling the freshwater tanks
- coaling of the ship
- weather recording: temperature, wind speed and direction, barometer readings, state of the sea
- recording sea water density
- recording the ship's behavior (heavy rolling or pitching)
- crew conducting ship maintenance: engine maintenance/repair, general ship cleaning, scraping and painting - and sometimes tarring and caulking - the ship's hull and infrastructure, caulking the decks, tarring down rigging, airing of rigging, repairing stays, repairing yards and booms, loosed sails to dry, gun maintenance/ repair
- crew conducting drills: furling and unfurling sails, target practice with the main battery (great guns), boat drills - all hands called to arms and away all boats for naval tactics under sail and oars, general quarters drills, small arms drills, fire drills
- receiving fresh water from shore through pumps or lighter
- receiving provisions and stores: food, medical supplies, clothing, engineering gear, construction
- Quarterly Board of Survey's findings of condemned articles on board (food, equipment) and their fate (food was usually tossed overboard) from the inventories of the different ship's departments (Ordnance, Engineering, Navigation, Equipment, Medical, Pay)
- crew promotions
- crew quarters inspection
- liberty parties sent ashore

- lists of new crew members - recruits or transfers from other ships- taken on board during a cruise
- crew transfers to other ships
- crew members in solitary confinement or other punishments for various infractions, AWOL crew, general and summary court martial proceedings, AWOL crew put in irons
- Sunday services after the reading of the Articles for Better Government of the Navy

At the beginning of Log Book 6, on October 7, 1878, the USS *Essex* is in transit between Rio de Janeiro, Brazil and Cape Town, South Africa. under Commander Winfield Scott Schley. On October 10, *Essex* stopped half-way between the two port cities at the island of Tristan da Cunha. Commander Schley welcomed a bridal party on-board and performed the wedding ceremony. Ten days later, *Essex* arrived at Cape Town and anchored in Table Bay; the ship later moved to a dock, near a coaling steamer. As a usual courtesy, *Essex* made an 'offer of assistance' to the British bark *Elm Branch*, also moored in the bay. An English Commodore, on behalf of the commander of the British land forces in South Africa Commodore Sullivan, visited Commander Schley on board *Essex*. Several British vessels entered Table Bay, either anchoring or mooring, in October: steamers *Cuzco*, *Warwick Castle*, and *Asiatic*, a mail steamer, and sloop-of-war HMS (Her Majesty's Ship) *Danae*. *Danae* 'offered assistance' by sending a tender to communicate with *Essex*; *Essex* reciprocated the action to the *Danae* as a courtesy. Three British vessels left port including the English steamers *Danube* and *Asiatic*, and the aforementioned mail steamer.

USS *Essex* left Table Bay on November 1, 1878. Traveling north, she sighted three full-rigged British ships and communicated with two of them through maritime signal flags. On November 16, *Essex* anchored at Jamestown, St. Helena, taking bearings off Sugar Loaf Hill. While there, one full-rigged and one barque-rigged English ships and one German barque anchored at Jamestown. The Commanding Officer of Her Majesty Queen Victoria's forces stationed on St. Helena visited the *Essex* during her stay. On November 23, *Essex* exchanged maritime signals with a station on Ladder Hill before leaving St. Helena, heading to Montevideo, Uruguay.

While heading toward Uruguay on December 8, an *Essex* crewman went overboard; the ship hove to and lowered one of her boats, recovering the man and then continuing on course. *Essex* communicated with English and Swedish barques through maritime signal flags, and a brigantine was spotted. On their approach to Uruguay, the crew noted several lighthouses: St. Mary's, East Point, St. Ignacis, Punta Piedras, Maldonado, English Bank, Montevideo, and Flores. *Essex* anchored in the Bay of Montevideo on December 22, 1878, taking bearings off the lighthouse on Isla de Lobos. A Uruguayan health officer boarded the ship and gave the ship's complement permission - a pratique - to leave the ship. *Essex* exchanged maritime signal flag communications with USS *Hartford*, anchored in port. The Commanding Officers from corvette HMS *Volage,* the Italian corvette *Governolo* and an Italian gunboat, Brazilian ship *Amazonas*, Spanish corvette *Consuelo*, and a French gunboat visited with Commander Schley on board the *Essex*. Several foreign ships entered the port of

Montevideo including HMS *Avon* (composite gunboat), HMS *Mallard* (*Forester* class gunboat), a Royal Mail steamer, a Spanish gunboat, two British, two German and one Belgian steamers, a French man-of-war, and *Governolo* left the harbor. On Christmas, the German frigate *Albert* fired a salute with the German flag flying from her foremast. *Essex* exchanged International Code maritime signals with USS *Hartford*, asking permission to shift her fore topsail; an affirmative answer was received. This action was not normal for these US Navy vessels; they used Navy signaling codes most often. However, *Hartford* may have taken advantage of the international nature of the ships anchored in the Bay of Montevideo to drill the US sailors on the different code.

In January 1879, two *Hartford* crewmen were transferred to *Essex* on the order of Rear Admiral Edward T. Nichols, Commander of the South Atlantic Squadron on board Flagship USS *Hartford*. A German man-of-war anchored in the Bay of Montevideo and saluted Admiral Nichols; Flagship *Hartford* answered the salute. In addition, formal visits between *Essex* officers and officers of anchored foreign warships occurred. One *Essex* crewman transferred to the Montevideo shore hospital, and Executive Officer Lt. Commander John Schouler detached from the *Essex,* ordered home on the recommendation of the Medial Board. Further, the ship's Medical Officer disembarked *Essex* to board the American barque *Samuel E. Spring* to render assistance to the *Spring's* captain, who had shot himself; he did not survive. Another German steamer and an American whaling bark arrived and anchored in the Bay of Montevideo, while a Pacific Mail Steamship Company (out of New York) vessel and HMS *Mallard* took to sea. Traveling down one of the Uruguayan rivers, HBMS (Her Britannic Majesty's Ship) *Elk* arrived and anchored in the Bay of Montevideo. On January 16, USS *Essex* left Uruguay, on course for Port Stanley in the Falkland Islands, passing Flores Lighthouse. *Essex* exchanged colors with the American whaling ship *George and Susan*, heaving to and taking the whaler's captain and his wife on board for a visit - an uncommon occurrence when underway. Once again on the way, the ship's hydrometer - used to measure sea water density - broke, two whaling ships were sighted, and *Essex* exchanged signals with two German barques. On January 29, 1879, the ship anchored at Port Stanley, taking bearings off the signal station and the east point of the cemetery. Commander Schley disembarked *Essex* to visit the Governor of the Falkland Islands, and the Italian corvette *Governolo* left Port Stanley having arrived there after a failed attempt to round Cape Horn; the ship sustained damage and could not proceed.*

In February 1879, the #1 gun of *Essex* was dismounted to repair its axles. and maintenance on the #2 gun resulted in damage to four deck planks when the starboard side pennant tackle parted. The ship's carpenters gang quickly commenced repairs and *Essex* took to sea. The screw sent the awnings below decks, secured the battery, hoisted the ship's boats and smokestack, and passed the Cape Pembroke Lighthouse on February 5. *Essex* signaled the American whaling bark *Sea Fox* out of New Bedford, MA and heaving to, took Captain Jenkins on board - another rare occurrence. Underway again, *Essex* signaled French bark *Louise Marie*, 35 days out from Table Bay at Cape Town - all was well - and exchanged colors with an English bark. Once again anchored in the Bay of Montevideo by February 16, *Essex* took bearings off Fortress El Cerro and the Customs House and regularly exchanged signals with Flagship USS *Hartford*.

Several ships arrive and anchor in the bay including an American three-masted schooner, an English Royal Mail steamer, the British gunboat *Mallard*, a Brazilian war vessel, and a Pacific Steam Navigation Company (out of England) ship. *Essex* received mail from a Pacific Mail steamer that brought news of the death of Rear Admiral Henry K. Hoff. The ship lowered her colors to half-mast in respect for Hoff and to commemorate the death of Uruguayan Admiral Flores in February 1868. A series of courtesy visits from the Commanding Officers of the Brazilian warship *Brout Amazonas,* Spanish corvette *Consuelo*, and French warship *Factique*** were made to Commander Schley on *Essex.* The *Essex* crew dressed the ship to commemorate George Washington's birthday, with the foreign men-of-war from France, Spain, Italy, and Brazil following suit. The corvette HBMS *Garnet* steamed downriver from Montevideo, and the Pacific Mail steamer and corvette HMS *Volage* went to sea.

In early March, *Essex* dressed with the Uruguayan flag on her mainmast and HBMS *Garnet* fired a 7 gun salute with the Union Jack on her foremast to recognize Carnaval. A fully rigged British man-of-war, a Pacific Mail steamer, a Brazilian man-of-war, the Italian man-of-war *Governolo*, two American ships (one was a three-masted schooner). a Lambert and Holt steamer (a British company), and Italian gunboat *Confianza* anchored in the Bay of Montevideo. The Commanding Officers of a Brazilian corvette and *Confianza* visited Commander Schley on board *Essex*. While an Argentine gunboat towed an unfinished sidewheeler from the outer harbor of the Bay of Montevideo closer in to shore. Essex crewmen utilized a diving apparatus to fix damaged copper sheathing on her bottom. When the copper sheathing job was completed in mid-March, the team began maintenance on the ship's rudder. *Essex* dressed in colors to commemorate the birthdays of the Emperor Pedro II of Brazil and King Umberto of Italy; several gun salutes from international ships in the port occurred throughout the celebration. A Brazilian officer was sent to *Essex* to thank the Commander and crew for their part in celebrating the Emperor. Flagship USS *Hartford* steamed upriver into the Uruguayan interior and returned two days later. On March 25, *Essex* and *Hartford* were dressed in colors, flying a Brazilian ensign on their mainmast. *Essex* set up a stage onboard and hosted minstrel entertainment on board, starring the ship's crew. The Italian gunboat *Vilogi**** proceeded under sail into the river, the Brazilian warship *Amazonas*, a Pacific Steam Navigation Company vessel, an American three-masted schooner, and the Brazilian corvette *Trajano* went to sea. The French gunboat *Bruat* set off for Buenos Aires but returned at the end of the month. Throughout March, *Essex* regularly exchanged signals with Flagship USS *Hartford* in the Bay of Montevideo.

In early April, the Commanding Officers of the *Bruat* and HMS *Avon*, as well as the Uruguayan-based American Charge d' Affaires General John C. Caldwell, met with Commander Schley on board *Essex*. An American bark and brigantine come to anchored in the Bay of Montevideo and a Pacific Mail steamer and the Italian gunboat *Veloge**** went out to sea. At one point, rough seas within the port forced the *Essex* crew to drop an extra anchor to provide stability. On April 10, USS *Essex* raised anchor and left Montevideo, sighting several lighthouses: Flores Island, Maldonado, East Point, Punta Piedras, and Santa Maria. *Essex* hugged the shoreline, surveying the ocean bottom with the sounding apparatus along the way. She greeted several vessels: two

Uruguayan pilot boats (*Essex* dipped her colors in salute), a German steamer and a Lambert and Holt steamer both heading to the northeast, and two westward heading steamers (salutes exchanged). *Essex* anchored in Maldonado Harbor, taking bearings off Isla Gorriti. The crew overhauled sections of the bower chains (chains from both of the bow anchors) not in the water and threaded them into the hold. While anchored, two Spanish brigs traveled upriver and the ship exchanged international maritime code with a shore station. On April 19, *Essex* left Maldonado Harbor, making note of: Punta Negra and the El Ferro, English Bank ,and Rio Bravo Lighthouses - taking soundings along the way. On April 20, *Essex* once again anchored in the Bay of Montevideo and took bearings off of the El Ferro and Rio Bravo Lights. When the patent log - a torpedo-shaped apparatus with a gauge and rotary fins that determines a ship's speed and distance traveled - was raised out of the water, it no longer had its propellor (rotary fins). HBMS gunboat *Elk* and HMS *Garnet* entered the bay and anchored; courtesy visits from their officers with the *Essex* are exchanged and the *Garnet's* Commanding Officer boarded *Essex* later. Other vessels anchor at Montevideo, including a Royal Mail steamer, the HMS *Mallard*, the American brigantine *Myra*, and an Italian steamer. The *Essex* crew collect up their out-going mail and it is sent to the Pacific Mail steamer at anchor in the bay. Two vessels leave Montevideo - a French mail steamer and the Pacific Steam Navigation Company steamer *Uranus*.

*The information about *Governolo's* failed Cape Horn attempt is the result of research and was not recorded in the Essex log book.
**MHM suspects the French ship referred to as *Factique* is actually named *Fatigue*.
***MHM is confident that the Italian gunboats *Vilogi* and *Veloge* are the *Volace*

Tags:
American Ships: sloop-of-war USS *Essex*, whaling ship *George and Susan*, sloop-of-war Flagship USS *Hartford*, brigantine *Myra*, barque *Samuel E. Spring*, whaling bark *Sea Fox*

Brazilian Ships: warship *Amazonas/Brout Amazonas*, corvette *Trajano*

British Ships: steamer *Asiatic*, HMS *Avon*, steamer *Cuzco*, sloop HMS *Danae*, steamer *Danube*, gunboat HBMS *Elk*, bark *Elm Branch*, corvette HMS *Garnet*, gunboat HMS *Mallard*, corvette HMS *Volage*, steamer *Warwick Castle*

French Ships: gunboat *Bruat*, warship *Factique/Fatigue*, bark *Louise Marie*

German Ship: frigate *Albert*

Italian Ships: gunboat *Confianza*, corvette *Governolo*, gunboat *Volace*

Spanish Ship: corvette *Consuelo*

USS *Essex*

USS *Hartford*

HMS *Volage*

Essex
Oct 7 - 1878
to
April 25 - 1879
No 61

LOG BOOK

OF THE

U. S. S. Steamer "Essex"

3rd Rate, of 6 Guns,

COMMANDED BY

Commander Winfield Scott Schley U. S. Navy,

Attached to South Atlantic Squadron,

Commencing October 7th, 1878,

at Sea Lat. 36° 2' Long W. 21° 30',

and ending April 25th, 1879,

at Monte Video, Uruguay

BUREAU OF NAVIGATION,
NAVY DEPARTMENT,
1872.

LIST OF OFFICERS

Attached to and on board of the U. S. S. "Essex" (3d Rate), commanded by Comdr. W. D. Ickley, U. S. N., ~~at the time of leaving the anchorage at~~ on the 7 day of October, 1878.

NAME.	RANK.	NAME.	RANK.
W. D. Ickley	Commander		
John Schultz	Lt. Commander		
Asa Walker	Lieutenant		
C. K. Curtis	"		
L. P. Jouett	Master		
S. C. Lemly	Ensign		
C. B. J. Thorn	"		
Wm. H. Allen	Midshipman		
C. L. Bruns	"		
Richard Henderson	"		
W. G. Hamman	"		
Thos. D. Griffin	"		
C. A. Reanick	Chief Engineer		
J. W. Gardner	P. A. "		
N. T. Stanciff	P. A. Paymaster		
A. W. Mercer	P. A. Surgeon		
Geo. B. Ransom	Asst Engineer		
F. A. Dean	Boatswain		
W. W. Richardson	Carpenter		
Walter L. Damon	Capt.'s Clerk		
J. C. Petty	Pay- Clerk		

Examined and found to be correct.

C. K. Curtis
Lieut.

Navigator.

LIST OF OFFICERS

Who have died, been detached or transferred, on board the U. S. S. "Essex" 3d Rate
commanded by Comdr. W. D. Ashley, U. S. N., during a cruise on the South Atlantic
Station, from Oct. 7th, 1878, to ~~end of cruise~~, April 25th, 1879.

NAME.	RANK.	TIME OF OCCURRENCE AND PARTICULARS.
John Schuler	Lt. Commander	Detached Jany. 14th 1879. Montevideo
Wm. H. Allen	Midshipman	" Dec. 21st 1878 " "
Richard Henderson	"	" " " " " "
Wm. G. Hamm	"	" " " " " "
Thos. D Griffin	"	" " " " " "

Examined and found to be correct.

C. K. Lewis
Lieut.

Navigator.

COMPLEMENT of Petty Officers, Seamen, Ordinary Seamen, Landsmen, Boys, and Marines on board of the U. S. S. "Essex" (3d Rate), at first commissioning October 3d, 1876. at Boston, Mass.

RATES.	NUMBER.	RATES.	NUMBER.
Boatswains Mates	2	Warrant Officers Steward	1
Gunners Mate	1	Warrant Officers Cook	1
Quartermasters	3		
Coxswains	3		
Captains of Forecastle	2		
Captains of Tops	4		
Captains of Afterguard	2		
Quarter Gunners	2		
Sailmakers Mate	1		
Carpenters Mate	1		
Armorer	1		
Captain of Hold	1		
Ships Cook	1		
Cooper	1		
Carpenters and Caulkers	2		
Baymen	1		
Master at Arms	1		
Yeoman	1		
Apothecary	1		
Paymasters Yeoman	1		
Engineers Yeoman	1		
Schoolmaster	1		
Ships Writer	1		
Ships Tailor	1		
2d Class Painter	1		
Bugler	1		
Seamen	8		
Landsmen	15		
Landsmen Engrs. Force	12		
Apprentice Boys	80		
Machinists	4		
Coppersmith	1		
Boilermaker	1		
First Class Firemen	8		
Second Class Firemen	7		
Cabin Cook	1		
Cabin Steward	1		
Wardroom Steward	1		
Wardroom Cook	1		
Steerage Steward	1		
Steerage Cook	1		

Examined and found to be correct.

C. K. Lennis
Lieut.

Navigator.

ARMAMENT

Of the U. S. S. "Essex" (3d Rate)

NO. OF GUNS.	CALIBER.	DESCRIPTION.	WEIGHT.
1	XI in.	Dahlgren	15-900
4	IX in.	"	36 7 20
1	60 Pdr.	Parrott Rifle	5-4 50
1	12 Pdr. Light	Howitzer Dahlgren	431
1		Gatling	

BOATS.

1	Launch
2	Cutters
1	Whale
1	Gig
1	Dinghy

SMALL ARMS

65	Remmington Rifles
50	" Pistols
14	Colts Revolvers
68	Cutlasses

Examined and found to be correct.

C. K. Curtis
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex , 3 Rate, 6 Guns,

Making passage from Rio de Janeiro to Cape Town South Africa

Hour.	Knots.	Tenths Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1.	7		SE by E 3/4 E	W	6		29.90	60	53	53	59	bc	Cumulus	9	R.	Set foresail single reefed topsails and
2	7	4	"	"	6		29.88	60	54	52	59	"	"	5	"	reefed topsails and
3	8	2	"	"	6.7		29.88	60	53	53	58	"	"	8	"	T.G. sails
4	9	5	"	"	6.7		29.87	60	53	53	58	"	"	8	"	
5	9	6	"	"	5.6		29.89	60	53	53	58	"	"	6	"	All plain sail to T.G. sails
6	8	6	"	"	5.7		29.92	59	54	53	58	"	"	6	"	except main and ✕
7	8	6	"	W. by W	5.7		29.92	59	54	54	58	bc	"	7	"	spanker
8	7	4	"	"	6.7		29.95	59	54	54	58	"	"	7	"	
9	7	2	"	"	6.7		29.95	59	55	54	58	"	"	6	"	
10	8		"	"	6.7		29.95	59	55	54	57	"	"	6	"	Under topsails and
11	7	0	"	"	5.6		29.95	59	56	55	57	"	"	7	"	spencer foresail and
Noon.	5	5	"	"	5.7		29.95	60	56	55	57	"	"	5	"	Reefed mainsail

Distance run by Log since preceding Noon 174 knots 2 Tenths fathoms.

Latitude by D. R. at Noon S 36 ° 29 ' "

Longitude by D. R. at Noon W. 21 ° 28 ' "

Latitude by Observation at Noon ⊙ S. 36 ° 2 ' "

Longitude by Chronometer from Forenoon Observations ⊙ W 21 ° 30 ' "

Current during the time 1 knots 1 Tenth fms. per hour setting to the N.

Sg. 576 Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at 8 AM. Lat. S. 36° 0' Long. W. 22° 3' NW 12 ° 20 ' "

Water expended during the preceding 24-hours 216 gallons.

Water Condensed during the preceding 24 hours 740 "

Water remaining on hand fit for use at Noon 2604 "

Coal consumed during the preceding 24 hours tons - lbs.

Coal remaining on hand at Noon " "

P. M.														
1	3	2	SE by E 3/4 E	W. by W	4.5	29.95	61	56	55	57	bcp	"	6	M. Set royals
2	7	8	"	"	4.5	29.95	61	57	56	57	bc	"	8	"
3	8	6	"	"	4.5	29.96	61	57	56	57	bcp	"	4	"
4	9	5	"	"	5.6	30.00	62	56	55	57	"	"	4	" Same
5	8	6	"	"	5.6	29.97	61	56	55	57	"	"	5	"
6	8	6	"	"	5.6	29.98	61	56	55	57	"	"	7	" "
7	8	2	"	"	5.7	30.00	61	55	55	57	"	"	6	
8	7	5	"	"	5.6	30.00	61	55	53	56	"	"	4	Under T.G. sails Single
9	6	5	"	"	5.6	30.02	60	55	54	56	"	"	3	reefed Courses and
10	6	0	"	NW by W	5.6	30.02	60	55	54	56	"	"	8	and T.T. Mainsail
11	6	8	"	"	5.6	30.02	60	55	54	56	"	"	9	
Mid.	6	6	"	"	5.6	30.02	60	55	54	56	"	"	9	

S 36° 13' W 20° 16'

Sg. 597

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander W. Scott Schley, U. S. Navy,

Monday October 7th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences H.M. Clear Cool Fresh to very fresh breze from W. Bar fullery cloudy Dew nights. Ship rolling heavily At 1.45 cleared up mainsail Employed Distilling.

C. B. T. Moore
Ensign

From 4 to 8 A.M. Partially cloudy. Commences light showery showers of rain last half of watch Bar reading Saw moderate Sitting to 8th Shook reefs out topsails and set the clew of mainsail At 7.45 Took in clew mainsail Sun shaded in 4 boilers Distilling Employed

C. K. Cowie
Asst

From 8 A.M. to Noon Clear Cool Pleasant. Stiff to very fresh breez from W.W. Rain squalls last hour And Wind clouds By order of Comdr. Mack Hoys 1st Cl. was placed in solitary confinement on bread and water for Mutiny to obey and order. Ship under T.G. sails Topsails furled the clew mainsail and fore Sun shaded in two boilers At noon 30 lbs. Distilling Employed

E. P. Jarrett
Master

From Noon to 4 P.M. Cool and Pleasant Moderate to stiff breeze from N.E. and N.E. Winds blowing in puffs. Occasional passing showers At 1.10 Changed course to S.S.E. by S 1/4 E At 1.10 set royals Ship on course S.S.E. by S 1/4 E Distilling Employed

John L. Purcell
Ensign

From 4 to 6 P.M. Cloudy and Pleasant Stiff to fresh breze from N.W. Blowing fresh in puffs Sun shaded from N.W. At 4 Lauded down fires. Distilling Employed

C. B. T. Moore
Ensign

From 6 to 8 P.M. Cloudy Cool Rainy last part of watch Bar reading Saw moderate sailing to SE At 6 called all hands to shorten reefs and set royals took out reefs and set royals at 7 sit Fore topmast staysails Employed Distilling. At 8 stopped distilling. Sun Sun shaded fires in two boilers

C. K. Cowie
Asst

From 8 P.M. to Noon Clear Cool Rainy showers first hour Stiff to fresh breez from W.W. shifting to W.N.W. At 9 cleared up washed clew of mainsail Ship under Top gallant sails single reefed topsails foresail fore clew mainsail and D.R.M. staysails Moderate swell from W.N.W. Ship rolling considerably Sun shaded in two boilers At noon 30 lbs Employed Distilling Employed

E. P. Jarrett
Master

Moon's phase 2d qr. Dec. S 6°

Examined and found to be correct.

Real Walker,
Lt.

Navigator.

LOG of the UNITED STATES Steamer Essex, 3 Rate, 6 Guns,

Making passage from Rio de Janeiro to Cape Town South Africa

Hour.	Knots.	Tenths Fathoms	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.													Cir Cumm			
1	7	2	SE by E 1/4 E	N	5		30.02	66	54	53	56	bcp	Nimb	6	S.	Single reefed topsails
2	7	0	"	"	5-6		30.02	60	54	53	56	bc	"	6	"	Foresail lee clew of single
3	7	0	"	"	5-6		30.02	60	54	53	56	"	"	6	"	reefed mainsail
4	6	5	"	"	4-5		30.02	60	54	53	56	"	"	6	"	F.T.Sails Staysails Gaff
5	6	6	"	"	4-5		30.00	59	55	55	56	"	"	5	"	
6	7	0	"	"	4-5		30.00	58	56	55	57	bcp	"	4	"	
7	6	6	"	"	4.5		30.02	58	56	55	57	bc	"	5	"	All plain sail
8	6	6	"	N by W to N	4-5		30.00	58	56	55	57	"	"	4	"	Furl and F.M. stay sail
9	6	2	"	"	4.5		30.08	58	56	56	57	"	"	4	"	
10	6	5	"	"	4-5		30.09	59	58	57	57	bcpy	"	2	"	
11	7	0	"	"	4.5		30.05	60	59	58	58	bc	"	2	"	
Noon.	6	6	"	"	4-5		30.07	66	59	59	58	bcpy	"	4	"	Same

Distance run by Log since preceding Noon — 169 knots 3 ~~fathoms~~ tenths.

Latitude by D. R. at Noon — S 36 ° 49' "

Longitude by D. R. at Noon — W 18 ° 13' "

Latitude by Observation at Noon ⊙ — S 36 ° 30' 45"

Longitude by Chronometer from Forenoon Observations ⊙ — W 17 ° 59' 30"

Current during the time 0 knots 9 ~~fms~~ tenths per hour setting to the N. 21° E.

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at 8 A.M. Lat. S. 36°25' Lmg. W 18°29' — W. 13 ° 5' "

Water expended during the preceding 24 hours — 216 gallons.

Water during the preceding 24 hours — 212 "

Water remaining on hand fit for use at Noon — 2600 "

Coal consumed during the preceding 24 hours — tons lbs.

Coal remaining on hand at Noon — " "

P. M.															
1	6	6	SE by E 1/4 E	N by W	5	30.05	60	59	58	58	bc	"	6	S.	Double reefed topsails
2	6	6	"		5	30.03	60	59	58	58	"	"	1		Foresail Staysail
3	6	5	"	N by W	5	30.02	60	58	57	58	bcp	"	3		single reefed topsails
4	6	8	"		5	30.01	60	58	57	58	bc	"	2		F.T.Sails staysails and
5	6	6	"	N by W	4	30.01	61	56	56	57	bc	"	2		Foresail
6	5	2	"	"	4	30.01	61	56	56	57	"	"	2		
7	6	0	"	"	4.5	29.99	61	57	55	58	0	"	0		
8	7	8	"	"	5.7	30.01	61	57	55	58	cm	"	0		
9	8	6	"	N by W	5.7	30.02	61	57	55	58	cmpy	"	0		
10	9		"	"	5.7	30.02	61	56	56	58	"	"	0		Close reefed topsails &
11	7		"	N W by N	5.7	30.00	61	56	56	57	"	"	0		foresail, carry F.T.M
Mid.	7		"	"	5.7	29.98	60	56	56	58	"	"	0		staysails

8 A.M. Lat. S. 36°49' Lmg. W 18°13'

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by at — ° ' "

under the command of Lieutenant W. Scott Schley, U. S. Navy,

Tuesday October 8th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear Cool and Pleasant Moderate to fresh breze from N.W. Occasional light passing showers Hazy swell from N.E. rolling from 15 to 20° Mud set at 4 Knots 27. Fires banked in two boilers

Lieut. C. Lemly
Ensign

From 4 to 8 A.M. Cloudy and Pleasant Moderate to stiff breze from N. Hazy swell from N.W. Bar rising slowly. At 7.45 struck off Lifeboats and set royals Fires banked in two boilers Knots 27.

C. B. T. Moore
Ensign

From 8 A.M. to Noon Cloudy Cool Pleasant Passing quite fast of watch Occasional rain squalls Bar falling Sea moderate setting to S.E. and E. At 9.15 inspected at quarters Fires banked in two boilers Knots 27. Fresh breeze from N.W.W.

C. K. Curtis
Lieut

Noon to 4 P.M. Cloudy Cool Passing showers First hours stiff breze from N.N.W. shifting to N.W. At 2 took in and furled mizzen Ship under T.G. reefed topsails foresail and Jib Knots 27. Hazy swell from N.E. Fires banked in two boilers.

L. P. Jarrett.
Master

From 4 to 8 P.M. Cloudy Cool Passing rain Moderate breze from N.N.W. Set and Reefed clouds At 4.45 furled royals and sent down royal yards At 5.30 took reef in topsails Knots 26 Fires banked in two boilers

Lieut. C. Lemly
Ensign

From 8 to 12 P.M. Overcast Ugly threatening weather Moderate to stiff breze from N.N.W. Blowing fresh in puffs Bar rising slowly. Hazy Cloudy swell from N.E. Ship rolling heavily Watch at quarters Fires banked in two boilers Knots 26.

C. B. T. Moore
Ensign

From 12 P.M. to Mid Cloudy & gloomy Ugly threatening weather Winds very fresh from W. and N.W. by N. Bar falling Low swell from N.E. Set Mizzen At 1 took in and furled T.G. reefs At 10 took close reef in topsails and Double reefed foresail Fires banked in two boilers Knots 27.

C. K. Curtis
Lieut

Moon's phase 2d qr, dec. S 1°.

Examined and found to be correct.

Asa Walker,
Lieut.

Navigator.

LOG of the UNITED STATES Steamer Essex, 3 Rate, 6 Guns,

Making passage from Rio de Janeiro Brazil to Cape Town South Africa

Hour.	Knots.	Tenths Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.													Cir Cumu			
1	7	0	SEby S 1/4 S	NNW	6.8		29.95	60	56	56	56	be ffp	Numb	3	R	Under cour reefed topsails
2	7	5	"	"	6.8		29.92	60	56	57	55	ocpp	"	0	"	and foresail and
3	8	2	"	NNW by N	6.8		29.92	60	56	56	55	bcy	"	6	"	P. M. Employed
4	7	0	"	NNW by W	6.7		29.92	60	56	56	55	bc	"	5	"	
5	6	0	"	W by S	5.6		29.94	60	56	56	55	bcp	"	6	"	
6	6		"	WSW	4.5		29.95	60	56	56	55	"	"	6	"	Struck two reefs out of
7	6		"	SW by W	4.5		29.98	60	56	56	55	bc	"	6	"	topsails and foresail
8	6		"	"	4.5		30.02	60	56	56	55	"	"	8	"	set P. Gaffs
9	6	7	"	"	4.5		30.05	59	55	55	55	"	"	6	"	
10	7	8	"	SW	5.6		30.09	58	55	54	56	"	"	8	"	
11	8	0	"	"	6.7		30.10	58	55	55	56	"	"	2	"	Struck reefs out of
Noon.	7	0	"	SSW	5.6		30.10	58	55	54	56	ocpf	"	0	"	topsails set mains
																sail jib and spanker

Distance run by Log since preceding Noon	165 knots	4 ~~fathoms~~ tenths
Latitude by D. R. at Noon	S 37 °	13' "
Longitude by D. R. at Noon	W. 14 °	39' "
Latitude by Observation at Noon ⊙	S 36 °	55' 20"
Longitude by Chronometer from Forenoon Observations ⊙	W. 14 °	55' "
Current during the time knots 7 tenths fms. per hour setting to the N.		
Variation of the Compass by Amplitude ⊙ observed at Sunrise	°	' "
Variation of the Compass by Azimuth ⊙ observed at 8 AM Lat. S. 36°52' Long. W 15°31'	W. 18 °	40' "
Water expended during the preceding 24 hours	216	gallons.
Water during the preceding 24 hours		"
Water remaining on hand fit for use at Noon	2384	"
Coal consumed during the preceding 24 hours	tons	lbs.
Coal remaining on hand at Noon	"	"

Dy. 598

S 36°55' W 13°40'

P. M.															
1	6	0	ESE 1/4 E.	S	5.6	30.15	58	55	55	56	bc	Cir Cumu	5	W
2	6	2	"	"	5.6	30.14	58	55	53	56	"	"	3	"
3	6		"	"	5.6	30.15	58	53	52	56	"	"	2	"
4	5		"	"	5.6	30.17	58	54	52	56	"	"	3	"
5	8	5	"	"	5.4	30.18	58	53	52	56	"	"	5	"
6	9	4	"	"	5	30.20	58	53	52	56	"	"	5	"
7	8	4	"	SSE.	5	30.22	58	53	51	56	"	"	4	"
# 8	7	4	"	"	5	30.28	58	52	51	56	"	"	2	"
9	8	7	ESE	SSE by S	5	30.28	57	52	51	56	"	"	1	"
10	8	3	"	"	5	30.27	57	52	51	56	"	"	1	"
11	7	3	"	"	2	30.27	57	52	51	56	0	"	0	"
Mid.	7	4	"	"	2	30.30	57	52	51	56	"	"	0	"

S 36°55' W 13°40'

Longitude by Chronometer from Afternoon Observations ⊙	°	' "
Longitude by Chronometer from Observations *	°	' "
Variation of the Compass by Amplitude ⊙ observed at Sunset	°	' "
Variation of the Compass by at	°	' "

under the command of Commander W. Scott Schley, U. S. Navy,

Wednesday October 9th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and mids A.M. Alternately clear and cloudy Very fresh breeze from N.N.W. shifting to W.N.W. by W. Hoisting in squalls with rain Cum Nimb clouds. Ships tender crew employed bending topsails and fitting fore topmast studding sail crew and Sea watch Fires banked in two boilers All fires 20 lbs Steam 27 Moonlight

L. B. Jewett
Master

From 4 to 8 A.M. Cloudy and cool Occasional passing rain squalls Part clear and pleasant Moderate to fresh breeze from N.N.W. and W.N.W. At 6 shook two reefs out topsails both reefs out foresail and set J. G. sails At 7.30 shook reef out of topsails set single reefed mainsail jib and spanker Cir Cum Nimb clouds Fires banked in two boilers Steam 27 Secure all from A.M.

Saml C. Smith
Ensign

From 8 A.M. to Noon Cloudy and cool. Passing shower of rain Wind moderate to fresh from N.W. by W. to S.S.W. Fresh in squalls At 8.30 hoisted flying jib mainsail fore staysail & set gaff topsail, At 9.15 inspected at quarters. By order of Comdr. Mach. Hayes, 1st Class, was released from confinement and restored to duty At 11 Hauled down flying jib main topmast staysail, and gaff topsail Fires banked in two boilers Pressure 27. Secure all from A.M.

L. B. T. Moore
Ensign

From Noon to 4 P.M. Cloudy Cool Wind moderate to fresh from S.W. by W. Moderate sea Shifting to W. and S.W. At 1.20 Hoisted Fires in 4 boilers Set mainsail and At J. G. sails At 3 Hoisted in J. G. sails at 4 took in all reefs sails and Hoisted Steering with 6 boilers Steady 26

C. K. Lewis
Asst

From 4 to 8 P.M. Cloudy Cool Gentle breeze from S.W. Furled sail Ship under jib & P.M. steering sails main staysail and gaff topsails Secure all from A.M. Steady 26. Steering under 4 boilers As steam Pressure 60 lbs Revs 52.

L. B. Jewett
Master

From 8 to 8 P.M. Cloudy Cool and pleasant Gentle breeze from S.S.E. At 6.50 stopped engines to alter position of main steam valves. on high pressure Cylinder At 7.10 Hoisted a sail steering under 4 boilers Revs 52. Steam 60 lbs. Under fore and aft sails Ship rolling well from S.S.E. Steady 26

Saml C. Smith
Ensign

From 8 P.M. to Midnight Cloudy and cool Light to moderate breeze from S.E. by S. and S.E. Steering with 4 boilers At 8 changed course to E.S.E. At 9.30 took in J. G. sail to reefs as steam Pressure 60 lbs. Revs 48. Steady 26

L. B. T. Moore
Ensign

Moon's phase 2d qr. Dec N. 4°

Examined and found to be correct.

Asa Walker
Lieut.

Navigator.

LOG of the UNITED STATES Steamer Essex, 3 Rate, 6 Guns,

Making passage from Rio de Janeiro Brazil to Cape Town South Africa

Hour.	Knots.	Tenths Fathoms	Courses Steered.	WINDS. Direction.	Force.	Leeway.	BAROMETER. Height in inches.	Ther. att'd.	TEMPERATURE. Air Dry Bulb.	Air Wet Bulb.	Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	8	4	E.S.E.	S.E.	2		30.31	57	52	51	56	bc	Cir Cum	1	S.	
2	7	4		"	2		30.30	57	52	51	56	"	"	1	"	
3	7	1	S.E.	"	2		30.30	57	52	51	56	"	"	1	"	
4	7	0		"	2		30.30	57	52	51	56	"	"	1	"	
5	7	8	S.E.½E.	"	0-1		30.30	57	53	52	56	"	"	1	"	
6	8	0		N.E.	0-1		30.30	57	53	52	56	"	"	1	"	
7				"	0-1		30.32	57	53	52	56	"	"	3	"	
8	Steering to pass the			"	0-1		30.34	57	53	52	56	"	"	2	"	
9	Island of Tristan		E. by N.	"	1-2		30.36	57	54	55	56	"	"	2	"	
10	da course			"	1-2		30.36	57	56	54	56	"	"	2	"	
11				N.E.	1-2		30.36	60	58	57	56	"	"	2	"	
Noon.				"	1-2		30.36	60	59	57	56	"	"	2	"	

Distance run by Log since preceding Noon — 117 knots 5 tenths fathoms.

Latitude by D. R. at Noon } Off Tristan d'Acunha

Longitude by D. R. at Noon } Off Tristan d'Acunha

Latitude ~~by Observation at Noon~~ ⊙ by bearing — S 37 · 6 · "

Longitude ~~by Chronometer from Forenoon Observations~~ ⊙ by bearing — W 12 · 20 · "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise

Variation of the Compass by Azimuth ⊙ observed at

Water expended during the preceding 24 hours — 230 gallons.

Water during the preceding 24 hours

Water remaining on hand fit for use at Noon — 2654 "

Coal consumed during the preceding 24 hours — tons lbs.

Coal remaining on hand at Noon " "

P. M.															
1	8	5	N.E. by E.½E.	N.E.	3		30.34	58	57	55	56	bc	Cir Cum	2	S.	All Yards aweb
2	7	4	"	"	3		30.33	58	57	55	56	"	"	4	"	
3	8	0	"	N.E. by N.	3		30.33	58	57	56	57	"	"	2	"	Same
4	7	0	"	N.E.	3		30.33	58	56	55	57	"	"	1	"	
5	7	4	"	N.E. by N.	4		30.33	59	56	55	57	"	"	2		
6	7	6	"	"	4		30.33	59	56	55	57	"	"	3		Employed in securing for sea and making sail
7	7	4	"	"	4		30.33	59	56	55	57	"	"	5		
8	7	8	"	"	5		30.34	59	56	54	57	"	"	7		
9	8	0	"	E. by N.	5		30.34	59	56	54	57	"	"	4		at noted intervals
10	8	6	"	"	5		30.34	59	56	54	57	"	"	5		took in gaff topsail
11	8	6	"	"	5		30.34	59	56	54	57	"	"	5		
Mid.	8	5	"	"	5		30.30	59	56	54	57	"	"	3		

S. 37. 7'. W. 11. 2'.

Longitude by Chronometer from Afternoon Observations ⊙

Longitude by Chronometer from Observations *

Variation of the Compass by Amplitude ⊙ observed at Sunset

Variation of the Compass by at

under the command of Commander W. Scott Schley, U. S. Navy,

Thursday October 10th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and with A.M. Cloudy Cool Wind light from S.E. Bar falling Sea smooth Considerable swell Steering to N.E. and E. Made sail to land at 12.45 Bearing S.E. 1/2 S. Land at 1 PM Bearing S.W. Changed course at 1.10 to S. by E. At 2.47 to S.S.W. 1/2 E. At 3.05 Got cast of lead no bottom at 80 fms At 5.30 brought ship head to sea and stopped engines At end of watch midship part of Indian Island Courthouse bore S.E. by E. and Isaac's Rock S.W. 1/2 W. Steam in six boilers Pressure 26

L. N. Lewis
Lieut

From 4 to 8 A.M. Cloudy Cool Light airs from N.E. & Some Strat clouds Laying off Indian Island Steam in six boilers Steam 60 lbs Pressure 26. Boats from shore alongside

L. P. Jouett
Master

From 8 A.M. to Noon Cloudy and Pleasant Light breeze from N.E. and E.N.E. Some clouds Boats with residents of Indian communicating with ship At 11 a Bridal Party came on board Marcus Johnson and Mary Ann Green were married by Ship's Officer performing ceremony. Under steam laying off and on. Pressure 26

Lewis C. Emley
Ensign

From Noon to 4 P.M. Cloudy and Pleasant Gentle breeze from N.E. to N.E. by N. At 12 slacked Reduced steam in six boilers At 12.20 set fore and aft sails At 2.45 set foresail At 3 crossed royal yards At 3 set Topsails and T.G. sails At 3.15 set royals and Main Topmast Staysail At 3.35 stopped Chronometer unwound Spun yarn Sunday Fires in 4 boilers (banked fires in two boilers) Ship under all plain sail and Main Topmast Staysail Pressure 26.

C. B. T. Moore
Ensign

From 4 to 8 P.M. Cloudy Cool Moderate breeze from N.E. by N. Bar Steady Sea smooth. At 5 commenced shortening Fires banked in two boilers. Pressure 26

L. N. Lewis
Lieut

From 8 to 12 P.M. Cloudy Cool Pleasant Bright moonlight Moderate to stiff breeze from N. by E. At 8 took in royals Flying jib and Main (Mizzen) Royal one reef in Topsails. At 8.30 set Main royal, Boats in Mainroyal stay. At 11.00 took in one reef Topsails. Course N.E. by E. 3/4 E. Fires banked in Two boilers Steam Pressure 30 lbs Pressure 26.

L. P. Jouett
Master

From 12 M. to Noon Cloudy Cool Pleasant Stiff breeze from E.N.E. Few clouds Fires banked in two boilers Steam Pressure 30 lbs. Pressure 26 Bright moonlight

Lewis C. Emley
Ensign

Moon's phase 2d qr see N. 9°

Examined and found to be correct.

Navigator.

LOG of the UNITED STATES Steamer Essex, 3 Rate, 6 Guns,

Making Surveys from Rio Janeiro to Cape Town South Africa

Hour.	Knots.	Tenths Fathoms	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.													Cir			
1	9		SEbyE½E	NEbyN	6		30.31	58	56	55	57	0	Cirro	0	Sm	Ft Topsl sails
2	8	5	"	"	5.6		30.31	58	56	55	56	"	"	0	"	course pt to Capetn
3	8	6	"	"	5.7		30.29	58	55	55	56	Fc	"	1	"	to double P. Lowes
4	8	6	"	"	5.6		30.29	58	55	55	56	0	"	0	"	and steered
5	8	6	"	"	5.6		30.29	58	55	55	56	Fc	"	1	"	
6	7	4	"	"	5.6		30.29	58	56	55	56	"	"	1	"	
7	7	6	"	"	5.6		30.30	58	56	55	56	"	"	1	"	Steam sail to Cape
8	6	2	"	"	5.6		30.32	59	56	56	56	"	"	2	"	gallant sails
9	9	0	"	"	5.6		30.32	59	56	56	56	"	"	3	"	Fore and main
10	9	4	"	"	6		30.32	58	57	57	56	"	"	4	"	topmast stays'ls
11	9	8	"	"	6		30.32	58	58	58	55	"	"	6	"	
Noon.	8	2	"	N	6		30.29	58	56	58	55	"	"	7	"	

S 37° 20' W 10°

Distance run by Log since preceding Noon — 197 knots 2 tenths fathoms.

Latitude by D. R. at Noon — S 37 ° 20' "

Longitude by D. R. at Noon — W. 8 ° 14' "

Latitude by Observation at Noon ⊙ — S. 37 ° 24' 45"

Longitude by Chronometer from Forenoon Observations ⊙ — W 8 ° 15' "

Current during the time knots fms. per hour setting to the

Sg. 599 Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at 8 AM. Lat. S. 37°23' Lng. W. 9° 0' W 23° ° ' "

Water expended during the preceding 24 hours — 216 gallons.

Water Condensed during the preceding 24 hours — 500 "

Water remaining on hand fit for use at Noon — 2438 "

Coal consumed during the preceding 24 hours — tons lbs.

Coal remaining on hand at Noon — " "

P. M.														
1	2 5	S2E 2E	NxE	6	30.28	58	56	58	54	Fc	Cum Nimb	2	M	
2	10	"	"	6	30.28	58	56	56	54	"	"	4	"	
3	10	"	"	6	30.28	58	56	56	54	"	"	2	"	
4	10	"	"	6	30.28	58	56	55	54	"	"	2	"	All Plains Sails &
5	10	"	NNE	6	30.28	58	56	55	54	0	"	0	"	T Gallts except
6	10	"	"	6	30.28	58	54	54	54	0	"	0	"	mainsail
7	9 3	"	"	6	30.31	57	54	54	54	"	"	0	"	
8	8	"	"	5.6	30.31	57	54	54	54	Fc	"	1	"	Single reefd topsails
9	8	"	"	6	30.30	57	54	54	54	"	"	1	"	Jib & Gaff
10	8 4	"	"	6	30.30	57	54	54	54	"	"	1	"	Jib T Gallt sails and
11	8	"	"	6	30.30	57	54	54	54	"	"	1	"	spanker.
Mid.	8	"	"	6	30.28	57	52	54	54	"	"	1	"	

S 37° 25' W. 6° 38'

Under T Gallt sails

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' " single reefd topsails

Longitude by Chronometer from Observations * — ° ' " Jib & Gaff

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' " topsail Jib T Gallt sails

Variation of the Compass by at — ° ' " and spanker

under the command of Lieutenant Commander W. Scott Schley, U. S. Navy,

Friday Oct 11th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences with Abl & cloudy and cool Stiff to fresh breeze blowing very fresh in Gusts from N.E. by N. Sea smooth Bar falling slowly Fires banked Use two boilers Distilling Density 26

C. B. T. Moore
Ensign

From 4 to 8 Abl & cloudy Cool Winds fresh from N.N.E. Bar rising Sea smooth Shortened sail to foresail and set reefed topmast staysail and gaff topsail Fires banked in two boilers Distilling Density 26

L. K. Longfellow
Lieut

From 8 to 12 M. to Meridian Clear. Pleasant. Fresh breeze from N.N.E. Bar & Gun Signals cleared At 9 P.M. exercised at fire quarters Shifted under all plain sails to S. Courses and Main topmast staysails Stowed Spanker Fires banked in two boilers Steam pressure 30 lbs Distilling Commenced Density 27

L. P. Jarrett
Master

From 12 Meridian to 4 P.M. Cloudy Cool Pleasant Fresh breeze from N by E. Bar steady At 12.15 changed course to E.S.E. At 1.0 hauled up main sail set main topsail Cleared up main Deck and up S.E. Jackstay At 2.05 set main to'gt sail Fires banked in two boilers Distilling Density 27

Saml C. Worley
Ensign

From 4 to 6 P.M. Overcast. Cool. Fresh breeze from N.N.E. Bar steady Sea moderate Shifted under all plain sails to S. Courses, except mainsail, with ~~gaff topsail and~~ main topmast staysails Fires banked in two boilers. Distilling Density 27.

C. B. T. Moore
Ensign

From 6 to 8 P.M. Cloudy Cool Wind fresh from N.N.E. Bar rising. Moderate sea At 6 took in reef in topsails Hauled down and stowed main topmast staysail and gaff topsail Fires banked in two boilers Distilling Density 27

L. K. Longfellis
Lieut

From 8 P.M. to Mid. Cloudy Cool Fresh N.N.E. breeze Gun and Night Signals cleared Moonlight Shifted under S. Courses single reefed topsails Foresail main staysail jib Flying jib and Spanker At 9.30 stopped distilling and hauled fires Density 27.

L. P. Jarrett
Master

Moon's phase 3 days Sec N. 14°

Examined and found to be correct.

Asa Walker,
Lt

Navigator.

LOG of the UNITED STATES Steamer Essex, 3 Rate, 6 Guns,

Makaw Passage from Rio de Janeiro Brazil to Cape Town South Africa

Hour.	Knots.	Tenths of fathoms	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	9		E by S	North	6		30.28	57	54	54	54	bc	Cir Cumu	4	M	Single reefed topsails &c.
2	9	5	"	"	6		30.24	57	54	54	54	"	"	2	"	sails fit. Wetting main
3	9	4	"	"	6		30.20	57	54	54	54	"	"	2	"	unreef and clewed
4	9	2	"	"	6		30.18	57	54	54	54	"	"	2	"	
5	9	2	"	"	6		30.17	56	54	54	54	"	"	4	"	Sail with Foresails
6	9	2	"	"	6		30.16	56	54	54	54	0	"	0	"	
#7	9	0	"	North	6		30.15	56	54	54	54	"	"	0	"	
8	8	6	"	"	6		30.15	56	55	55	54	bc	"	0	"	Single reefed topsails
9	9	4	"	"	6		30.15	56	57	57	54	"	"	2	"	and Courses at 7 PM
10	9	0	"	"	5-6		30.17	57	58	58	54	"	"	3	"	clewed and Courses
11	10	2	"	"	6		30.18	58	58	57	54	"	"	4	"	
Noon.	8	6	"	"	6		30.18	58	58	58	54	"	"	2	"	

S 37° 30' W 5°

Distance run by Log since preceding Noon 220 knots 6 tenths fathoms.

Latitude by D. R. at Noon S 37 ° 25' "

Longitude by D. R. at Noon W. 3 ° 39' "

Latitude by Observation at Noon ⊙ S. 37 ° 32' "

Longitude by Chronometer from Forenoon Observations ⊙ W. 3 ° 48' "

Current during the time knots fms. per hour setting to the

Sg. 600 Variation of the Compass by Amplitude ⊙ observed at Sunrise Lat. S 37°32'. ° ' "

Variation of the Compass by Azimuth ⊙ observed at 8 AM. Lng. W 4°35 W. 26 ° ' "

Water expended during the preceding 24 hours 216 gallons.

Water Condensed during the preceding 24 hours 453 "

Water remaining on hand fit for use at Noon 2675 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.																
1	10	9	E by S	N by E	6-7		30.15	58	58	58	54	bc	Cir Cumu	1	M	Set main topmast staysail
2	10	9	"	"	7		30.12	58	58	58	53	"	"	2	R	Took in main topmast staysail
3	11	2	SE by E 3/4 E	"	7		30.10	58	58	58	55	"	"	2	"	
4	11	8	"	"	7		30.10	58	58	58	55	"	"	1	"	Took in Flyers
5	10	0	"	"	7		30.08	58	57	57	55	"	"	1	"	
6	8	0	E SE 1/2 E	"	7		30.08	58	57	57	55	"	Cumu Nimb	1	"	Close reefed Topsails
7	8	0	SE by E 3/4 E	"	7		30.08	58	57	57	57	0	"	0	"	single reefed foresails
#8	8	5	"	"	7		30.08	58	57	57	57	"	"	0	"	Hauled down Chamber
9	8	5	"	"	7		30.08	58	57	57	57	Ogv	"	0	"	hauled down jib
10	6	0	"	N by E	5-6		30.07	58	57	57	57	"	"	0	"	
11	6	0	"	N NW by N	6		30.07	57	57	57	57	bcg.	"	1	"	
Mid.	4	6	"	"	3-4		30.07	57	57	57	57	bc.	"	1	"	

S. 37°32' W 2°9'

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander W. Scott Schley, U. S. Navy,

Saturday October 12th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 AM Cloudy Cool and pleasant. Fresh breeze from N. Bright moonlight for cum clouds. Ship in cumd & H. Cruising

Saml. Sandy
Ensign

From 4 to 8 A. M. Cloudy. Cool. Fresh breeze from N. to N.N.E. Bar fallen slowly. Sea moderate Ship in cumd & H. Cruising

C. B. T. Moore
Ensign

From 8 A.M. to Meridn Cloudy. Cool Fresh breeze from N.N.E. Bar rising slowly. Sea smooth At 8 13 set single reefed mainsail Cruising

C. K. Curtis
Lieut

Meridn to 4 P.M. Cloudy. Very fresh breeze from N by E. At 12.05 set main & fore mast staysails and at 12.30 took it in At 3.30 sent down royal yards At 3.55 took in and furled T. G. sails At 4 chang'd course to N & E by E 3/4 E Ship under single reefed topsails cumd Forestaysail jib and Spanker Cumd Sat. up topsails and lower Preventer braces. Cruising

E. P. Jones
Master

From 4 to 8 P.M. Cloudy and threatening. Very fresh breeze from N by E At 5.30 Hauled down and closed jib close reefed topsails single reefed foresail and Hauled down Head of Spanker Cumd and Cruising

Saml. Sandy
Ensign

From 8 to 8 P.M. Overcast and disagreeable Very fresh breeze from N by E Bar rising slowly Sea high. Ugly threatening weather. Moon rose at 7.00 Ship in cumd & E by E 3/4 E. Cruising

C. B. T. Moore
Ensign

From 8 P.M. Cloudy. Squally and rainy Thursday latter part of watch. Bar fluctuating Sea moderate Sky rolling considerably at times. Fresh breeze with heavy squalls first N by E. to N.N. by N. decreasing to gentle breeze at end of watch. At 9.00 took in sail for heavy squalls Cruising Eighteen (18) sail during watch Thursday to 1st and 2d

C. K. Curtis
Lieut

Moon's phase 3rd qr dec N. 19°

Examined and found to be correct.

Asa Walker
Lieut.

Navigator.

LOG of the UNITED STATES Steamer [illegible], 2 Rate, [illegible] Guns,

Making Passage from Rio de Janeiro Brazil to Cape Town South Africa

Hour.	Knots.	Tenths Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.													Cirrus			
1	4	8	SE by E SE	NW by N	4.5		30.00	59	56	56	54	bc	Nimbi	8	R	Gallant sails furled
2	5	6	"		4.5		30.00	59	56	56	54	"	"	6	"	Royals and Foresail
3	5	0	"	W	4.5		30.00	59	56	56	54	bcq	"	2	"	unfurled T.G.Y. sheets
4	4	5	"	W by N	4		30.00	59	56	56	54	"	"	5	"	
5	4	5	"	"	4		30.00	59	56	56	54	"	"	2	"	Struck two reefs out of
6	4	5	"	"	4		30.00	59	54	54	54	"	"	2	"	topsails and made sail
7	5	6	"	W	4		30.00	59	54	54	54	"	"	2	"	Foresail Flt Jibs & Spanker
8	5	4	"	"	4		30.00	59	54	52	54	"	"	2	"	
9	5	4	"	W by N	4		30.00	59	54	54	54	"	"	6	"	
10	5	6	"	W by N	4		30.00	58	54	54	54	bcq	"	2	"	Struck reefs out of top
11	6	2	"	W	4		30.05	58	55	55	55	"	"	8	"	sails & Royals & Spanker
Noon.	6	0	"	"	4		30.05	58	55	55	55	"	"	2	"	and set royals.

Distance run by Log since preceding Noon	162 knots	8 tenths fathoms.
Latitude by D. R. at Noon	S. 37°	32′ "
Longitude by D. R. at Noon	W. 0°	22′ "
Latitude by Observation at Noon ⊙	S 37°	32′ "
Longitude by Chronometer from Forenoon Observations ⊙	W. 0°	15′ "
Sq. 600 Current during the time knots fms. per hour setting to the		
Variation of the Compass by Amplitude ⊙ observed at Sunrise	°	′ "
Variation of the Compass by Azimuth ⊙ observed at 8 AM. Lat S 37°32′ Lng W 0° 44′	W. 28°	′ "
Water expended during the preceding 24 hours	216 gallons.	
Water during the preceding 24 hours	"	
Water remaining on hand fit for use at Noon	2459 "	
Coal consumed during the preceding 24 hours	tons	lbs.
Coal remaining on hand at Noon	"	"

P. M.																
1	8	5	SE by E SE	D. R.	4		30.08	58	55	55	55	bc	Cirrus	3	M	All Royals furled
#2	8	0	"	"	4		30.08	58	55	55	55	"	"	4	"	to topsails and
3	7	0	"	"	4		30.08	59	55	55	55	bcqd	"	2	"	Secure to sunset sheets
4	7	5	"	"	3.5		30.09	59	55	55	55	bc	"	5	"	
Sq. 1416																
5	7	9	"	"	4		30.09	59	55	55	55	"	"	5	"	
6	7	8	"	"	4		30.09	59	55	55	55	"	"	5	"	
7	6	0	"	S by W	4		30.09	59	55	55	55	"	"	4	"	Single reefed topsails
#8	5	6	"	"	4		30.12	59	54	54	55	"	"	2	"	Furled royals royals
9	6	2	"	"	4		30.13	59	54	54	54	0	"	0	"	Shaped down sails Temp
10	7	8	"		5		30.10	59	54	54	54	"	"	0	"	Jibs Flt sheeted aloft
11	8	4	"	S	5		30.05	59	53	53	54	"	"	0	"	reefed topsails courses
Mid.	7	6	"	"	4		30.14	59	53	53	53	"	"	0	"	Squalls & Spanker

Sat S 37°32′ Lng 0° 0′

S. 37°32′ E 0°58′

Longitude by Chronometer from Afternoon Observations ⊙	°	′ "
Longitude by Chronometer from Observations *	°	′ "
Variation of the Compass by Amplitude ⊙ observed at Sunset	°	′ "
Variation of the Compass by at	°	′ "

under the command of Commander W. Scott Schley, U. S. Navy,

Sunday Oct 27th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 A.M. Partially clear Cool Moderate breeze from W.N.W. Ran equable knots two hours of Watch Ship under single reefed topsails single reefed foresail and J.T. Mainsail Co. course Sunday 27.

E. C. Jarrett
Master

From 4 to 8 A.M. Partially overcast Moderate breeze from W.N.W. latter part squally to moderate from N. Occasional passing showers At 7 shook two reefs out of topsails and one out of foresail and set J.G. sails At 8 kept a head bearing wind At 7.30 shook reef out topsails, sent up royal yards, and set royals. Ship on course Sunday 27.

Saml. Stanley
Ensign

From 8 A.M. to Meridian Cloudy and equally Light Showery of rain latter part of watch Bar steady last 3 hours Sea smooth Moderate swell from S.E. and S. At 9.30 set main sail. At 10.05 inspected at quarters afterwards read Articles for the better government were read and Prayers were read by Commdg Officer & Crew mustered At 10.30 hoisted jib and main topmast staysail and set spanker Sunday 27.

Passed two bunches Kelp.

C. B. T. Moore
Ensign

Meridian to 4 P.M. Cloudy Cool Moderate breeze from S.E. to S. Occasional rain squalls Bar rising slowly Sea smooth At 12 45 set flying jib and sail in company Sunday 27.

C. K. Egerton
Lieut

4 to 6 P.M. Clear Cool Moderate S.E. to S. breeze Saw Coast Birds clouds Ship under all plain sail to royals and main topmast staysail On course Sunday 27.

E. C. Jarrett
Master

From 6 to 8 P.M. Cloudy Cool and pleasant Moderate breeze from S. by W. At 6.15 took single reefs in topsails furled royals Hauled down and stowed main topmast staysail and flying jib. Sunday 27.

Saml. Stanley
Ensign

From 8 P.M. to Midnight Overcast Cool Ugly threatening weather. Light showers of rain occasionally. At 8.05 Changed course to S.S.W. by S. ½ S. Moderate & fluky breeze from S. by W. and S.S.W. Sea smooth. Sunday 27

C. B. T. Moore
Ensign

Moon's phase 3d 9h. N. 22°

Examined and found to be correct.

Asa Walker,
Lieut.

Navigator.

LOG of the UNITED STATES "Steamer Essex", 3 Rate, 6 Guns,

Making passage from Rio de Janeiro Brazil to Cape Town South Africa

Hour.	Knots.	Tenths Fathoms	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 16ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	6	0	SEby E ½ E	S.S.W.	4		30.04	57	53	53	54	0 p q d	Cirro	0	S	Single reefed topsails
2	5	6	"		3.4		30.10	57	53	53	54	"	"	0	"	Hauled up T.G.sail & T.N.Mizen
3	4	4	"	SSW by W	3		30.07	57	53	53	54	0. q.	"	0	"	Loosed single reefed
4	4	6	"	"	3.4		30.07	57	53	53	54	"	"	0	"	mainsail
5	4	6	"	"	3		30.05	57	53	53	54	0.	"	0	L	
6	6	6	"	"	4		30.05	57	53	53	54	"	"	0	"	
7	6	4	"	"	4		30.05	57	53	53	54	0c	"	1	"	Made sail to royals
8	6	4	"	SW by W	4		30.05	57	53	53	54	"	"	1	"	
9	6	0	"	"	4		30.05	57	54	54	54	"	"	1	"	
10	6	0	"	"	4		30.05	57	54	54	54	"	"	1	"	Hauled down T.G.sail
11	6	6	"	W by S	4		30.05	57	54	54	54	"	"	1	"	Hauled down & closed
Noon.	6	0	"	"	4		30.00	57	55	55	54	"	"	1	"	T. sail

Distance run by Log since preceding Noon — 156 knots 9 tenths fathoms.

Latitude by D. R. at Noon — S. 37° 35' "

Longitude by D. R. at Noon — E 3° 1' "

Latitude by Observation at Noon ⊙ — S 37° 18' "

Longitude by Chronometer from Forenoon Observations ⊙ — E 2° 52' "

Sep. 1416 Current during the time 0 knots 7 tenths fms. per hour setting to the N. N. W.

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at 8 AM. Lat. S. 37° 20'. Lng. E 2° 21'. — W 28° 30' "

Water expended during the preceding 24 hours — 216 gallons.

Water during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 2243 "

Coal consumed during the preceding 24 hours — tons lbs.

Coal remaining on hand at Noon — " "

P. M.															
1	6	2	SEby E	W.	4	29.98	57	56	55	54	0c	"	1	L	All Sail set with
2	6	4	"		4	29.95	59	55	55	54	"	"	1	"	with jib. M.T.M. clewed
3	7	2	"	W. by S.	4	29.94	59	55	55	54	"	"	1	"	and Spanker
4	8	51	"		5	29.94	59	54	54	54	"	"	1	"	Came with T.G.sail
5	9	2	"	W. by S.	5.6	29.93	59	54	53	54	0.c.g.	"	1	"	& Staysails
6	9	-	"	"	5.6	29.93	59	54	53	54	"	"	2	"	
7	8	7	"	"	6	29.88	59	53	52	54	"	"	1	"	Took in royals and M.S.
8	9	5	"	"	6	29.88	59	53	53	54	0 q p	"	1	"	M. Staysail and took
9	8	51	"	"	5.1	29.88	59	51	51	54	0 c p.	"	1	"	one reef in Topsails
10	8	0	"	"	5.1	29.83	58	51	51	54	0c	"	5	"	Hauled up Spanker
11	7	0	"	"	5.1	29.80	57	51	51	54	0 c p b	"	3	"	
Mid.	7	2	"	"	5.1	29.78	59	51	51	54	0 c p.	"	3	"	

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by at — ° ' "

under the command of Commander W. Scott Schley, U. S. Navy,

Monday October 14th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and ends M. Cloudy Squally Moderate breeze from S.S.W. and S.W. by W. Drizzling rain during portion of watch Bar. falling Sea smooth Ship under single reefed ~~foresail~~ topsail and stops gallant sails Quarity 26

C. K. Curtis
Lieut

From 4 to 8 A.M. Cloudy Cool Pleasant Moderate S.W. by W. breeze Comm. Strike clouds At 7.30 shift reefs out & to sail and set jib & fly gaff & to sails and make in to mast Staysail. Hauled down main to mast staysail & in course Staysail from 8 to Quarity 26.

L. P. Jewett
Master

From 8 A.M. to Meridian Cloudy. Cool Pleasant Moderate breeze from W.N.W. to W. At 9.15 beat to general quarters Divisions exercised as follows Engy Div 9m 16s Stat. Div. 9m 25sec Idr. 9m 18sec 2nds 9m 20sec 1st Div 9m 20sec Exercised divisions at general quarters At 9.40 Hauled down and stowed jib and P.M. Staysail Geo. L. Adams O.S. was given 2 hours extra duty for being disorderly in dress and disrespectful to Sergt. Boyce when corrected for the same and James W. Ellis Ord. 2 hours extra duty for being out of uniform after being repeatedly warned. By order of Comdr. Quarity 26

Saml. C. Cruby
Engineer

From Meridian to 4 P.M. Cloudy and Pleasant Moderate to stiff breeze from W. to W.N.W. Bar falling Engy employed from 1 to 4 A.M. at times to mast Staysail at 3 P.M. One sail in sight at ends of watch at quarters Quarity 27

C. B. T. Moore
Ensign

From 4 to 8 P.M. Cloudy squally Fresh breeze from W. by S. Bar. steady Sea smooth At 6 set ~~fore~~ topmast Staysail One sail in sight at ends of watch Quarity 27

C. K. Curtis
Lieut

From 8 to 8 P.M. Overcast passing showers Squally Cool Fresh breeze from W. by S. At 6.10 took in reefs main topmast Staysail and one reef in topsails At 8.30 hauled down J.P.M. stay sails & in course. Quarity 27

L. P. Jewett
Master

From 8 P.M. to Midnight Cloudy Cool Stiff breeze from W. by S. Occasional showers squalls and lightning from W.N.W. At 11.00 Fur. Sub. P. Gale took second reef in topsails Engy employed from W. Bar falling. Quarity 28

Saml. C. Cruby
Engineer

Moon's phase 3d qr dec N. 25°

Examined and found to be correct.

Asa Walker
Lieut

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

Making passage from Rio de Janeiro, Brazil to Capetown South Africa.

Hour.	Knots.	Tenths Fathoms	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	8	5	S.E. by E.	N.N.W.	7.8		29.75	56	50	50	54	b.c.f.* g.	Cum. Nimb.	2	L	F.S.M. stay sail, close
*2	6	0	S.E by E 1/2 E		7.8		29.70	56	49	49	54	b. g. n.	"	0	"	reefed topsails and
3	7	0	"	"	7.8		29.70	56	49	49	54	b.c.	"	8	"	foresail
4	7	8	"	"	6.7		29.67	56	49	49	54	"	"	5	"	
5	7	0	"	"	6.7		29.67	56	49	48	54	b.c.g.	"	4	R.	Double reefed topsails
6	7	0	"	"	6.7		29.67	56	49	49	55	"	"	2	"	Foresail single reefed.
7	7	2	"	S.W.	6.7		29.67	56	49	49	55	"	"	3	"	Mainsail and F.S.M.
8	8	0	"	"	6.8		29.67	56	50	50	55	"	"	3	"	Staysail.
9	6	7	S.E. by E.	"	7.8		29.65	55	50	50	56	"	"	3	"	
10	9	8	"	"	6.9		29.68	55	51	50	57	"	"	3	"	
11	7	6	"	"	7		29.68	55	52	51	58	b.c.g.f.	"	4	"	Shook out reef in topsail, and set jib.
Noon.	6	0	"	"	6.7		29.68	55	52	51	58	"	"	5	"	

S 37° 15' E 5°

Distance run by Log since preceding Noon	184 knots	3 ~~fathoms~~ tenths
Latitude by D. R. at Noon	S 37 ° 34'	"
Longitude by D. R. at Noon	E 6 ° 42'	"
Latitude by Observation at Noon ⊙	S 37 ° 10' 26"	
Longitude by Chronometer from Forenoon Observations ⊙	E 6 ° 42'	"
Current during the time 1 knots 6 ~~fms.~~ tenths per hour setting to the N.		
Variation of the Compass by Amplitude ⊙ observed at Sunrise	° '	"
Variation of the Compass by Azimuth ⊙ observed at 8 A.M. Lat. 37° 10' S Lng. 6' 4' E.	W 30 ° 50'	"
Water expended during the preceding 24 hours	286	gallons.
Water during the preceding 24 hours		"
Water remaining on hand fit for use at Noon	1957	"
Coal consumed during the preceding 24 hours	tons	lbs.
Coal remaining on hand at Noon	"	"

Sq 1417

P. M.																
1	7	6	S.E. by E.	S.W.	6		29.68	56	52	51	58	b.c.	Cir. Cum. Nimb	4	R.	Set F.C.G. sail.
2	8	4	"	"	6		29.68	56	52	51	58	n.	"	4	"	
3	9	6	"	"	6.7		29.67	56	52	51	58	b.c.g.p.	"	4	"	Furled F.T.G. sail.
4	9	1	"	"	6.7		29.65	56	52	51	58	"	"	4	"	
5	10	2	"	"	8.9		29.63	56	53	52	57	o.g.	"	0	"	Furled staysail, Closed reefed topsails Close
6	3	0	"	"	8.9		29.61	56	53	53	57	"	"	0	"	reef foresail.
7	5	6	"	"	7.8		29.63	56	53	53	56	"	"	0	"	Dawn.
#8	5	6	"	"	7.9		29.65	56	53	53	56	"	"	0	"	
9	1	4	S.E. by E. E.S.E.	"	8.9		29.66	56	53	53	56	b.c.g.n.	"	3	"	Took in foresail and fore topsail
10	1	8	S.E. by S. to S.E. by E.	"	8.9		29.71	56	53	53	56	"	"	4	"	Set storm Mizzen and Mizzen
11	1	2	"	"	8.9		29.71	54	53	53	56	"	"	1	"	Staysail hauled down F. stays'l
Mid.	1	4	"	"	8.9		29.73	54	53	51	56	o.g.	"	0	"	

S 37°16' E 7°.00'

Longitude by Chronometer from Afternoon Observations ⊙	° '	"
Longitude by Chronometer from Observations *	° '	"
Variation of the Compass by Amplitude ⊙ observed at Sunset	° '	"
Variation of the Compass by at	° '	"

under the command of Commander W. S. Schley, U. S. Navy,

Tuesday, October 15th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy and cold - Squally, ugly, threatening weather first part of watch, clearing up latter part. Fresh breeze to moderate gale from W.S.W. Barometer falling. Long heavy swell from S.W. Finished double reefing topsails, took close reef, hoisted F.T. Ms'tsail, hauled down jib. Got up forward braces. At 1.00 Changed course to S.E. by E.½E. Density 26

C. B. T. Moore
Ensign

4 to 8 A.M. Cloudy and squally. Cool. Drizzling rain at intervals during watch. Barometer steady. Blowing very fresh increasing at times to moderate gale from S.W. Sea rough, sitting to S.E. by S. At 7.00 shook one reef out of topsails, and set single reefed mainsail. One sail in sight at end of watch - Density of sea water 26.

C. K. Curtis
Lieut.

8. A.M. to Merid. Cloudy. Squally. Light passing showers. Com. Wind. clouds. Very fresh wind from S.W. blowing in squalls. At 8.15 changed course to S.E. by E. At 10.30 shook one reef out of topsails and set jib. Ship under single reefed topsails, jib, fore topmast staysail and courses. On the course. Density of sea water 26.

L. P. Jarrett
Master

Merid. to 4 P.M. Cloudy. Squally, and light passing showers. Com. Wind. clouds. Fresh to very fresh breezes from S.W. At 12.10 set F.G. sails. At 2.40 furled F.G. sails. At 3.45 sent down royal yards. Rough sea. Density 26. On course S.E. by E.

Edward Simpson
Ensign

4 to 6 P.M. Overcast, cool and disagreable. Squally. ~~Moderate to fresh~~ ~~Strong gale to very fresh breeze~~ from S.W. Sea rough: Barometer falling. At 5.00 took close reef in topsails and foresail, and furled mainsail. Hoisted fore storm staysail, and hauled down F.T.M. staysail. Got up forward topsail sheets. Density 27.

C. B. T. Moore
Ensign.

6 to 8 P.M. Cloudy. Squally. Ugly. Disagreeable weather. Blowing a moderate to ~~stiff~~ storm gale from S.W. Barometer rising slowly. Sea rough. At 6.45 sent down topgallant yards. At 7.20 started fires in 6 boilers. Density sea water 27.

C. K. Curtis
Lieut.

8. P.M. to Mid. Cloudy. Blowing fresh gale from S.W. At 8.10 took in foresail and fore topsail and lay to under close reefed main topsail, fore storm staysail, Mizzen storm staysail and storm mizzen. At 9.00, hauled down fore storm staysail. At 10.10 commenced steaming slowly under 6 boilers. Set fore storm staysail. Steam pressure 50 lbs. 25 revolutions. Density 26.

L. P. Jarrett
Master.

Moon's phase, 3d qr sec N. 27°

Examined and found to be correct.

Asa Walker,
Lt.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

Making passage from Rio de Janeiro, Brazil, to Capetown South Africa -

Hour.	Knots.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.															
1	9	S.E by E ½ E.	S. W.	8-9		29.77	54	51	50	54	0.9.y.	Cir. Cum. Nimb.	0	R	Close reefed M. topsail, F.
2		W.	"	8-9		29.75	54	51	50	54	"	"	0	"	Stow staysail
3		"	"	8-9		29.77	54	51	50	54	"	"	0	"	
4		"	"	8-9		29.73	54	51	50	54	"	"	0	"	
5	"	S. E by E.	"	8-10		29.73	54	51	50	54	0.9.	"	0	"	F. Stow staysail
6	"		S. W. by S.	8-10		29.74	54	50	49	54	"	"	0	"	Mz. " "
7	"	S. E.	"	8-10		29.80	54	51	50	54	"	"	0	"	Stow mizzen
8	"	"	S. S. W.	8-10		29.83	54	51	50	54	"	"	0	"	
9	Split Log	"	"	7-8		29.87	54	51	50	54	"	"	0	"	Close reefed topsail,
10	"	E.	"	7-8		29.91	54	51	49	54	"	"	0	"	foresail and fore
11	7	S.E by E ½ E.	S. W. by S.	6-8		29.91	54	51	49	54	"	"	0	"	stow staysail.
Noon.	8 5-	"	"	6-8		29.92	54	51	50	54	"	"	0	"	

S. 36° 30'
E. 8° 8'

Distance run by Log since preceding Noon — 64 knots 4 tenths fathoms.

Latitude by D. R. at Noon — S 37 ° 13' "

Longitude by D. R. at Noon — E 8 ° 1' "

Latitude by Observation at Noon ⊙ — S. 36 ° 46' 36"

Longitude by Chronometer from Forenoon Observations ⊙ — E 8 ° 15' "

Current during the time knots fms. per hour setting to the

Sg 1417 Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours 216 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 1640 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.															
1	3	8	S. E. by E	S.W. by S.	6-7		29.92	54	51	50	54	0.c.9.	Cir. Cum. Nimb.	2	R	Took one reef out of topsails and foresail Took in stow M. staysail and mizzen T.M. staysail and set spanker. and M. topsail - Set F.T.M. staysail hauled down F. stow staysail.
2	4	7	"		6-7		29.92	65	51	50	54	"	"	1	"	
3	5	4	"	S. S. W.	6-7		29.92	66	52	51	53	"	"	4	"	
4	5	5	"	"	6-7		29.92	67	52	51	53	"	"	3	"	
5	5	0	"	"	6-7		29.92	67	52	51	53	"	"	2	"	Took in spanker.
6	4	0	"	"	6-7		29.94	67	52	51	53	"	"	2	"	F.T.M. staysail double reefed topsails Single reefed foresail and M. topsail.
7	3	6	S. E. ½ E.	"	6-7		29.96	64	52	51	55	0.9.	"	0	"	
8	3	6	"	"	6-7		29.98	62	52	51	55	"	"	0	"	
9	3	0	"	S. W.	4-6		30.00	61	52	51	55	"	"	0	"	
10	3	5	"	"	5-7		30.01	59	51	50	55	"	"	0	"	
11	3	7	"	"	4-6		30.01	59	51	50	55	"	"	0	"	
Mid.	3	3	"	"	3-6		30.02	59	51	50	55	"	"	0	"	

S. 36° 46' E. 8° 8'

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Wednesday, October 16th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Overcast, gloomy, and squally. Occasionally blue sky and moonlight. Blowing fresh gale from S.W. Ship rolling through from 30° to 35°. Steam under six boilers pressure 25 lbs. Engines turning over. Ship lying to on course S.E. by E. to S.E. by S.

Saml. Sprole.
Ensign

4. to 8 AM. Overcast and cold. Squally. Moderate to very strong gale from S.W. shifting during watch to S.S.W. Barometer rising rapidly. Sea rough, long heavy swell from S. Lying to heading S.E. by S. to S.E. by E. Fires in 6 boilers, engine turning over. At 5.30 burst feed pipe of the forward boilers and stopped engines and hauled fires under four boilers. Density sea water 26.

C. B. T. Moore
Ensign

8 AM. to Merid. Cloudy. Squally. Ugly and disagreeable. Blowing a moderate gale at times from S.S.W. & S.W. by S. Barometer rising. Sea rough, setting to N. & E. At 10.15 set close reefed fore topsail and forsail. Steam in four boilers. Density sea water 25. Lying to first part 1st watch, fires during we course S. E. & E. 1/2 E. at 10-15: Changed course at 12-00 to S.E. & E.

C. K. Curtis
Lieut.

Merid. to 4 PM. Cloudy. Cool. Very fresh wind from S.S.W. Rough sea. At 1.05 shook one reef out of topsails and foresail and took in slow mizzen and mizzen storm staysail and set Main trysail and spanker. At 3. hauled down fore storm staysail and set fore topmast staysail. Ship under double reefed topsails, single reefed foresail, fore topmast staysail, main trysail and spanker. Fires banked in four boilers. Steam pressure 30 lbs. Distilling. Barometer steady during watch. Density sea water 28.

L. P. Jewett
Master

4. to 6 PM. Cloudy and cold. Fresh to very fresh wind from S.S.W. Fires banked under four boilers. Steam pressure 30 lbs. Distilling. At 5.30 took in spanker. Density 28. Rough sea. At 6 changed course to S. & 1/2 E. Rolling from 30° to 35°.

Saml. Sprole.
Ensign

6. to 8 PM. Overcast and squally. Fresh to very fresh breeze from S.S.W. Sea rough, long heavy swells from S. & W. Ship rolling and pitching heavily at times. Barometer rising slowly. At 6.15 Mustered at quarters. Density sea water 26.

C. B. T. Moore
Ensign

8 PM. to Mid. Cloudy. Squally. Moderate to stiff breeze, with occasional fresh puffs from S.W. Barometer rising. Sea rough, setting to N. & E. Ship rolling and pitching considerable at times. Density sea water 26. Sea and wind moderating during first watch. Fires banked in four boilers. Distilling -

Moon's phase 3rd qr. Dec. N. 27°

C. K. Curtis
Lieut.

Examined and found to be correct.

Asa Walker,
Lieut.

Navigator.

LOG of the UNITED STATES Steamer Essex, 3 Rate, 6 Guns,

Making passage from Rio de Janeiro Brazil to Cape Town South Africa

Hour.	Knots.	Lengths Fathoms	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.													Cumu			
1	3	2	S&1/2E	SW by S.	3.6	3/4	30.02	57	51	50	54	og	Nimb	0	R	Ship under double reefed
2	2	7	"	"	3.6	3/4	30.02	56	51	50	54	"	"	0	"	topsails single reefed Foresail
3	2	4	"	"	3.5	3/4	30.02	56	51	50	54	"	"	0	"	F.T.M. staysail and
#4	2	5	"	"	3.6	3/4	30.02	56	51	50	54	"	"	0	"	Jumio Topsail
5	3	2	"	"	3.5	1/2	30.02	56	51	50	52	"	"	0	R	
6	2	2	"	"	3.4	1/2	30.05	56	51	50	55	O	"	0	"	Shift reef out Foresail
7	1	0	"	"	3.4	1/2	30.10	60	51	50	55	"	"	0	"	Set jib and Spanker
#8	2	0	"	"	2.3		30.12	60	51	50	55	"	"	0	"	
9	1	0	"	"	2		30.14	62	50	49	56	"	"	0	"	All plain sail close
10	1	0	"	"	2		30.13	61	52	51	56	bc	"	1	"	reefed Jumio sail and
11	2	0	"	"	2		30.12	60	52	51	57	O	"	C	"	Main Topmast staysail
Noon.	2.		"	"	2		30.13	60	52	53	57	"	"	0	"	

S 36° 22' E 10°

S 36° 30' E 10 23'

Distance run by Log since preceding Noon	74 knots 3	tenths ~~fathoms~~.
Latitude by D. R. at Noon	S 36° 47'	"
Longitude by D. R. at Noon	E 9° 48'	"
Latitude by Observation at Noon ⊙	S 36° 30'	"
Longitude by Chronometer from Forenoon Observations ⊙	E 10° 29'	"
Current during the time 1 knots ~~fms~~. per hour setting to the	N E by N.	
Variation of the Compass by Amplitude ⊙ observed at Sunrise	° '	"
Variation of the Compass by Azimuth ⊙ observed at	° '	"
Water expended during the preceding 24 hours	300	gallons.
Water Condensed during the preceding 24 hours	700	"
Water remaining on hand fit for use at Noon	2040	"
Coal consumed during the preceding 24 hours	tons	lbs.
Coal remaining on hand at Noon	"	"

Sy. 1418

P. M.																
1	2	5	S&1/2E	S by E	2.3	1/2	30.08	60	54	53	57	O	Cumu Nimb	0	R	Same
2	2	0	"	"	2.3	1/2	30.08	60	54	53	57	bc	"	1	"	
3	2	5	"	S by E.	2.3	1/2	30.08	60	54	53	57	"	"	1	"	
4	2	0	"	S by W.	2.3	1/2	30.14	60	54	53	57	"	"	1	"	
5	2	0	"	S W.	2		30.14	59	53	53	57	"	"	1	"	
6	1	0	"	"	2		30.14	59	53	53	57	"	"	1	"	Single reefed topsails
7	1	6	"	"	1		30.14	59	53	53	57	"	"	1	"	Furled sail stowed
#8	1	0	"	"	1		30.14	59	53	52	57	"	"	1	"	Jib and Jumio Top
9	0	0	"	"	1		30.14	59	53	52	57	"	"	5	"	mast staysail
10	0	2	"	"	1		30.14	59	53	52	59	"	"	1	"	
11	0	2	"	"	1		30.14	59	53	52	59	"	"	1	"	Jas F. Watson Comm'd
Mid.	0	5	"	"	1		30.14	59	53	52	59	"	"	0	"	employed topsails
																& Spanker

S 36° 31' E 10 50'

Longitude by Chronometer from Afternoon Observations ⊙	° '	"
Longitude by Chronometer from Observations *	° '	"
Variation of the Compass by Amplitude ⊙ observed at Sunset	° '	"
Variation of the Compass by at	° '	"

under the command of Commander W. Scott Schley, U. S. Navy,

Thursday October 17th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 P.M. Overcast. Cool. Moderate to fresh breezes from W by S. Steering in gusts. Sun & mid clouds. Obscured moonlight. Set under single reefed single reefed foresail foretopmast staysail and mizen. Engines on course. Fires banked in 4 boilers. Steam 30 lbs. Distilling. Distd 27.

L. P. Jarrett
Master

From 4 to 8 P.M. Overcast. Cool. Gentle to stiff breezes steering in gusts from W by S. latter part to light breeze At 7 P.M. shook reefs out of topsails and foresail set Gib and spanker also set at 8 P.M. Signals. Fires banked in four boilers. Distilling. Long swell from W. Distd 26

Lewis C. Stanley
Ensign

From 8 P.M. to Midnight Overcast. Cool. Light breezes from W by S. Bar steady. Set thermometer & watch. Long swell from W. Crossed royal yards and made all plain sail to royals and mizen topmast staysail took reefs in mainsail & Spanker. Let fires die out in two boilers. Fires banked in two boilers. Distilling. Distd 27

C. B. J. Moore
Ensign

From Midnight to 4 P.M. Cloudy. Cool. Light to gentle breezes from W by S. to W by N. Bar steady. Slowly. Long swell from W. and N. Fires banked in 2 boilers. Distilling. Distd 27.

C. K. Longcope
Lieut

From 4 to 8 P.M. Cloudy. Cool. Light breezes from W. Fair. Some Strato clouds. Long swell from W. and N. Ship under all plain sail and mizen topmast staysail. On course. Fires banked in 2 boilers. Steam for engines 20 lbs. Distilling. Distd 27.

L. P. Jarrett
Master

From 8 to 12 P.M. Cloudy. Cool. Pleasant. Light airs from W. At 6 took in reefs in topsails furled royals and stowed them. Set mainsail. Long sail. Fires banked in 2 boilers. Steam 20 lbs. Distilling. Distd 27. Long swell from W.

Lewis C. Stanley
Ensign

From 12 P.M. to Midnight Cloudy and Pleasant. Light airs from W. Long swell from W. and N. Bar steady. Ship on course. Fires banked in two boilers. Distilling. Distd 27.

C. B. J. Moore
Ensign

Moon's phase 3d 9h Dec. N. 26°

Examined and found to be correct.

Asa Walker
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3 Rate, 6 Guns,

Making passage from Rio de Janeiro Brazil to Cape Town South Africa

Hour.	Knots.	tenths	Courses Steered.	WINDS. Direction.	Force.	Leeway.	BAROMETER. Height in inches.	Ther. att'd.	TEMPERATURE. Air Dry Bulb.	Air Wet Bulb.	Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.													Cir Cumb			
1	1	3	SSW ½ W	SW by S	0-1		30.14	58	54	54	59	C	S Cumb	0	S	Employed reefing topsails & fig
2	2		"	"	1-2		30.14	58	54	54	59	"	"	0	"	sails forecastle crew
3	2		"	"	1-2		30.14	58	54	54	59	"	"	0	"	mainsail topmast staysail
4	2		"	"	1-2		30.14	58	54	53	59	"	"	0	"	
5	2	01	"	W by W	3		30.10	58	54	53	59	Bc	"	1	"	Employed reefing topsails
6	3	01	"	"	3		30.10	57	53	52	59	"	"	2	"	out reefs & set jib mainsail
7	3		"	"	3		30.14	57	53	52	59	"	"	6	"	staysails & spanker and
8	3		"	"	3		30.14	57	53	52	59	"	"	6	"	gaff topsails
9	2		"	"	1-2		30.14	57	53	52	59	"	"	8	"	
10	2		"	"	1-2		30.14	57	54	52	59	"	"	8	"	Overhauled down and cleared jib
11	2	01	"	"	1-2		30.14	59	56	55	60	"	"	8	"	& jib mainsail topsail staysail
Noon.	3		"	"	2		30.14	59	616	55	60	"	"	8	"	Took in spanker topgallant
																sails and furled mainsail

Distance run by Log since preceding Noon — 114 knots 5 tenths fathoms.

Latitude by D. R. at Noon — S 36° 38' "

Longitude by D. R. at Noon — E. 11° 23' "

Latitude by Observation at Noon ⊙ — S 36° 34' "

Longitude by Chronometer from Forenoon Observations ⊙ — E. 11° 34' "

Current during the time 0 knots 4 tenths fms. per hour setting to the E.N.E.

Sep. 14 18 Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at 8 A.M. Lat S 36° 33' Long E 11 22 — W. 29° 30' "

Water expended during the preceding 24 hours — 230 gallons.

Water Condensed during the preceding 24 hours — 890 "

Water remaining on hand fit for use at Noon — 2700 "

Coal consumed during the preceding 24 hours — tons lbs.

Coal remaining on hand at Noon — " "

P. M.															
1	3	0	"	"	2	30.13	59	57	57	59	"	"	8	"	Employed forecastle
2	4	8	Ebb S	"	2	30.12	59	57	57	59	"	"	4	D	and topsails
3	8	0	"	"	2	30.08	60	57	57	59	"	"	6	"	
4	8	6	"	"	2	30.09	61	57	57	59	"	"	5	"	
5	9	1	"	W by W	3	30.10	61	57	56	59	"	"	5	"	Same
6	9	0	"	"	3	30.10	61	56	55	59	"	"	4	"	
7	9	5	"	SW	3-4	30.10	60	56	56	60	"	"	4	"	
#8	9		"	"	3-4	30.10	60	56	55	60	"	"	4	"	
9	8	8	"	W by W	3	30.13	60	55	54	60	"	"	2	"	Took in and furled
10	8		"	"	2-3	30.13	60	55	54	60	"	"	1	"	topsails
11	8		"	"	3	30.13	60	55	54	60	0	"	0	"	
Mid.	8		"	"	3	30.13	60	55	54	60	"	"	0	"	

S 36° 19' E 12° 41'

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander W. Scott Schley, U. S. Navy,

Friday Oct 18th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

John P. Nathan Jr. was Born. the Above date

C. Schley

Commenced A.M. Cloudy Cool Light to gentle breezes from W.N.W. by S Bar cloudy Sea smooth Ship under easy sail to royals and top gallant sails Density 27. At 1.30 took in main sail and started Fires trimmed in Boilers Distilling.

L. M. Lemly
Lieut

From 4 to 8 A.M. Cloudy Lieut part Clear latter part watch Gentle breezes from W.N.W. Sea Smooth Kind clouds At 5.30 shook reefs out to sails and set royals & jib double reefed main sail and main Topmast stay sail Sprinker and gaff topsail Fires trimmed in two boilers pr. 30 lbs Distilling Density 27.

E. P. Jarrett
Master

From 8 A.M. to Noon Cloudy and Pleasant Light and to light breezes from W.N.W. Sea Smooth clouds At 8 changed course to N.E. & E. At 8.10 hauled down and cleared jib & jib and sail to mast stay sail At 9.15 exercised at Fire quarters tried Babcock Fire extinguisher and found to work. 9.30 furled and set cutter & gunnies At 10.10 placed W.H. Hoerner Ord in solitary confinement on bread and water for insolence, and disrespectful conduct to the Comdr at the mast. by order Comdr. E. J. Dyer Ord for refusing to obey P.M. order liberty to be stopped at Cape Town A.P. Leigh for urinating in port for one watch clock two hours extra duty. Allan Sheline for using improper language to Sent. Guard 24 hrs extra duty two on and two off. by order of Cond Officer At 8 hoisted smoke stack and stowed fires in additional boilers At 10 stopped distilling Density 27.

Jas. Grubb
Ensign

Noon to 4 P.M. Cloudy and Pleasant Light breezes from W.N.W. At 1.45 Changed course to E by S. and started ahead with steam in six boilers At 2.45 Sounded off Fire quarters Took in and furled 2 Gaffs and royals Sea smooth Density 27.

C. B. J. Moore
Ensign

From 4 to 6 P.M. Cloudy Cool Gentle breezes from W.N.W. Bar cloudy Sea smooth At 4.20 set foresail Steam in 6 boilers As pr. Bar. Density 27.

L. M. Lemly
Lieut

From 6 to 8 P.M. Cloudy Pleasant Gentle to moderate breezes from W. for Com Kind clouds At 6.15 ~~stationed~~ at quarters At 6.45 Took empty Main topsails Steam in six boilers As pr 40 lbs Bar 30. Density 27.

E. P. Jarrett
Master

From 8 P.M. to Mid Cloudy and Pleasant Light to gentle breezes from S.W. by W. Steaming Bar 30. 49. 46. 46. As pr 40 lbs. Density 25. Bar cloudy.

Jas. L. Grubb
Ensign

Moon's phase 3rd qr. Dec. N. 23°

Examined and found to be correct.

Asa Walker,
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

Making a passage from Rio de Janeiro Brazil to Cape Town S. Africa

Hour.	Knots.	Tenths Fathoms	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	8	5	Ebe S.	S. W by W.	4		30-10	60	57	57	60	0	Cum Nimb.	0	S.	F.T.M. staysail,
2	9	0	"	"	2-3		30-10	60	57	57	60	"	"	0	"	foresail may be reefed
3	8	6	"	"	4		30-09	60	56	55	61	"	"	0	"	topsail
4	8	6	"	"	3-4		30-08	59	56	55	61	0.r.	"	0	"	
5	8	5	"	W.	3-4		30-08	60	56	56	61	0.d	"	0	"	
6	8	5	"	S. W.	4		30-12	59	57	56	61	0.	"	0	"	Same
7	8	4	"	W.	3-4		30-14	60	57	56	61	"	"	0	"	
8	8	5	"	W. by N.	3-4		30-15	60	58	57	61	"	"	0	"	
9	8	0	"	"	4		30-14	60	59	58	61	L.C.	"	1	"	
10	8	0	"	"	1		30-13	60	59	59	61	"	"	1	"	Same
11	8	0	"	"	0-1		30-13	61	61	61	61	"	"	2	"	
Noon.	6	2	"	"	1-2		30-15	61	61	60	61	0.p.	"	0	"	

Sg 1385 S 35-42' E 16°38'

Distance run by Log since preceding Noon — 194 knots 1 tenths fathoms.

Latitude by D. R. at Noon — S. 35 . 35. "

Longitude by D. R. at Noon — E 15 . 22. "

Latitude by Observation at Noon ⊙ — S 35 . 34 . 30 "

Longitude by Chronometer from Forenoon Observations ⊙ — E 15 . 29 . 30 "

Current during the time knots fms. per hour setting to the

Sg 1419 Variation of the Compass by Amplitude ⊙ observed at Sunrise Lat S. 35° 45' — ° ' "

Variation of the Compass by Azimuth ⊙ observed at 8 A.M. Long E. 14° 60' — W 31° . 15. "

Water expended during the preceding 24 hours — 230 gallons.

Water during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 2470 "

Coal consumed during the preceding 24 hours — tons lbs.

Coal remaining on hand at Noon — " "

P. M.															
1	6	4	Ebe S. 1/4 S.	W.	1	30-15	62	61	60	61	L.C.	Cirr. Cumu	4	S.	Furled T.G.sail, Hoisted foresail, Hoisted F.T.M. staysail
2	8	0	E by S 1/4 S.	"	0-1	30-15	62	61	60	60	"	"	6	"	
3	8	0	"	N. N. W.	1-2	30-13	62	61	60	61	"	"	2	"	
4	8	0	"	"	1-2	30-15	62	61	60	61	"	"	2	"	
5	7	5	"	S. S. W.	1-2	30-13	63	61	61	63	"	"	9	"	
6	8	5	"	"	1-2	30-10	64	61	60	63	"	"	4	"	
7	8	0	"	S. W.	2	30-12	64	61	59	63	"	"	5	"	
8	8	0	"	"	2	30-15	64	60	59	63	"	"	4	"	Foresail
9	6	8	E 1/4 N.	"	1-2	30-15	63	60	59	63	"	"	4	"	Under
10	9	0	"	"	3	30-15	63	60	59	63	0.	"	0	"	foresail
11	8	6	"	"	3	30-15	63	60	59	63	"	"	0	"	
Mid.	8	5	"	"	4	30-15	63	60	59	63	"	"	0	"	

Sg 1385 S 35-42' E 16°38'

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by at — ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Saturday October 19th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Overcast and cool. Moderate to stiff breeze from S.W. by W. Barometer falling slowly. Sprinkling rain latter part of watch Steaming with six boilers. Av. pressure 35 lbs. Rev. 47. Density sea water 27.

C. B. T. Moore
Ensign

4 to 8 AM. Cloudy. Cool. Drizzling rain first part of watch. Light to moderate breeze from W. & W.S.W. Barometer rising. Sea smooth. Steaming with six boilers. Av. pressure 40 lbs Rev. 47. Density sea water 26.

C. K. Curtis
Lieut.

8 AM. to Mid. Cloudy. Drizzling rain last hour. Moderate breeze from W.S.W. Cum. Nimb. clouds. Ship on the course under single reefed topsails, fore-sail and fore topmast staysail. Steaming under six boilers. Av. St. pressure 40 lbs. Revolutions 48. Density of sea water 26.

L. P. Jarrett
Master

Mid. to 4 PM. Cloudy and pleasant. Light airs from W.S.W., latter part from W.N.W. Clouds cir. cir. cum. At 12.15 changed course to E. 1/4 S. At 12.00 furled foresail. Topsails with single reefs, hauled down and stowed for topmast staysail. At 2.00 the quarterly board of Survey convened. Condemned 67 lbs. pickles, and were thrown overboard by order of Commdg. Officer.

Saml Sandy
Ensign

4 to 6 PM. Cloudy and pleasant. Light breze from S.S.W. Steaming with six boilers, on course E 1/4 S. Av. Steam pressure 45 lbs. Rev. 46. Density sea water 26. Bending chains.

C. B. T. Moore
Ensign

6 to 8 PM. Cloudy. Pleasant. Wind light from S.W. Barometer rising. Sea smooth. At 7 set foresail. Got up and bent both bower chains. Steam in 6 boilers. Av. pressure 40 lbs. Rev. 47. Density sea water 27.

C. K. Curtis
Lieut.

8 PM to Mid. Overcast. Pleasant. Gentle breeze from S.W. At 8.15 changed course to E 1/4 N. Steaming under six boilers. Av. St. pressure 45 lbs. Rev. 50. Density sea water 27.

L. P. Jarrett
Master

Moon's phase last qr. Dec. N. 20.

Examined and found to be correct.

Asa Walker,
Lieut

Navigator.

LOG of the UNITED STATES Steamer "Gay", 3 Rate, 6 Guns,

Cape Town South Africa

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	8	5	E 1/4 N	South	0-1		30.15	62	60	59	63	bc	Cir Cumu	2	S	Forward Patent furled
2	8	6	"	E.S.E.	0-1		30.15	62	60	59	63	"	"	2	"	
3	8	6	"	"	1		30.15	62	60	59	63	"	"	2	"	
4	8	0	"	S.S.E.	1		30.15	62	60	59	63	"	"	2	"	
5	7	5	"	"	1		30.13	62	61	60	63	"	"	1	"	
6	7	6	"	"	1		30.13	62	61	60	63	"	"	0	"	
7			"	"	1		30.14	61	61	60	63	O.C.	"	0	"	
8	Steaming into Table			"	1		30.14	61	61	60	63	"	"	0	"	
9	Bay in charge of Comdr.			E.S.E.	2		30.14	61	61	60	63	"	"	0	"	
10				N.W.	2		30.14	61	62	61	63	"	"	0	"	
11	Steaming into anchorage			"	2		30.15	62	63	61		bc	Cir Cumu Nimb	2	"	
Noon.				S.W.	3		30.11	63	64	62		"	"	2	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° ' "

Longitude by D. R. at Noon — ° ' "

Latitude by Observation at Noon ⊙ — ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ — ° ' "

Sep. 1885 Current during the time — knots — fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at — ° ' "

Water expended during the preceding 24 hours — 240 gallons.

Water — during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 2230 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " — "

P. M.															
1			W.S.W.	W.S.W.	3		30.10	64	64	62		bc	Cir Nimb	3	S
2			"	"	3		30.10	64	66	62		"	"	4	"
3			W.	W.	3.4		30.08	65	66	62		"	"	7	"
4			"	"	3.4		30.05	65	66	63		"	"	7	"
5			"	"	3.4		30.08	65	66	64		"	"	7	"
6			"	"	3.4		30.08	65	64	62		"	"	8	"
7			"	"	3		30.08	65	62	61		"	"	9	"
8			S.W.	"	1-2		30.06	64	61	60		"	"	9	"
9			S.	"	0-1		30.06	64	61	60		"	"	9	"
10			S.S.E.	"	0-1		30.06	65	60	60		"	"	8	"
11			S.E.	Calm	0		30.06	63	60	60		"	"	1	"
Mid.			"	"	0		30.06	61	60	60		"	"	7	"

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by — at — ° ' "

under the command of Commander W. Scott Ashley, U. S. Navy,

Sunday, October 28th, 188 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and unites A.M. Cloudy and Pleasant Light airs from N.E. to E.S.E. At 1.10 furled Foresail At 2 mus sail At 3.40 exhibited Revolving Light two points on Starboard Bow. Visible only from Topsail Yard Gunnery under sixpounders Average pr gun 46 lbs Red 47. 50. 49. 49. Deficiency 27.

Wm. C. Lundy
Ensign

From 4 to 8 A.M. Crescent and Pleasant Light airs from E.S.E. Steering into Table Bay with sixpounders under charge of Lundy Prior At 8 Stm pr 40 lbs Pressure 45 Deficiency 2 lbs At 8.10 made land ahead and on Starboard Bow.

C. B. T. Moore
Ensign

From 8 A.M. to Meridian Cloudy Pleasant Light breeze from E.S.E and N.W. Bar falling Sea smooth At 9.20 called all Hands to bring ship to anchor At 9.45 came to in 4 1/2 fms water veered to 45 fms chain Breakwater N. 3/4 W. Lions Head W. 3/4 S. Draught fwd 13 ft. Amidships 14 ft 9 in Aft 14 ft. 9 in. Banked fires in four boilers

C. K. Coggeshall
Lieut.

Meridian to 4 P.M. Clear. Cool Pleasant Gentle to moderate breeze from W.S.W. Cumulo Strial clouds Ship riding to the wind Fires banked in 4 boilers At pr 10 lbs

L. P. Jarrett
Master

From 4 to 8 P.M. Clear Cool Pleasant Light to gentle breeze from W.S.W. Gunnery Cloudy Sea smooth Furled Foresail set down Light Yards Ensign Light Sail Fires banked in 4 boilers Pressure 10 lbs

C. K. Coggeshall
Lieut.

From 8 P.M. to Midnight Clear Cool Light airs from W.S.W. at past Calm last part Latter Light Cumulo Strial clouds At 8 Gunnery around Fires banked in 4 boilers Steam pressure 10 lbs

L. P. Jarrett
Master

Moon's phase last qr dec N. 25°

Examined and found to be correct.

Asa Walker,
Lieut.

Navigator.

LOG of the UNITED STATES Steamer Egeria, 3 Rate, 6 Guns,

Cape Town South Africa

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1			NbE	Calm	0		30.00	62	60	60		bc	Cirrus	4	S	
2			"	"	0		30.00	62	60	60		"	"	1	"	
3			E	"	0		29.98	62	60	59		"	"	1	"	
4			NbE NE E	"	0		29.96	62	60	59		"	"	1	"	
5			NE	NE	0-1		29.96	62	60	59		"	"	2	"	
6			NbE NE	NbE NE	1-2		29.98	62	60	59		"	"	2	"	
7			"	"	1-2		29.98	62	60	59		0	"	0	"	
8			"	"	1-2		29.99	62	60	59		"	"	0	"	
9			"	"	1-2		29.97	62	62	59		bc	"	3	"	
10			"	"	1-2		29.96	62	62	61		"	"	3	"	
11			"	"	1-2		29.96	63	64	63		"	"	7	"	
Noon.	Underway		"	"	1-2		29.95	64	64	64		"	"	7	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° ' "

Longitude by D. R. at Noon — ° ' "

Latitude by Observation at Noon ⊙ — ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ — ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at — ° ' "

Water expended during the preceding 24 hours — 230 gallons.

Water during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 2000 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " — "

P. M.												
1	Secured to dock at Cape Town	NbE	2-3	29.95	64	67	66	bc	Cirrus	8	S	
2		"	2-3	29.93	64	67	66	"	"	8	"	
3		"	3-4	29.93	64	67	66	"	"	8	"	
4	"	"	4-5	29.94	64	67	66	"	"	8	"	
5	"	"	4	29.96	64	67	65	"	"	6	"	
6	"	"	4	29.90	64	64	63	"	"	3	"	
7	"	"	4	29.90	64	62	60	"	"	4	"	
8	"	"	4	29.90	64	62	60	"	"	5	"	
9	"	"	2-3	29.92	64	61	60	"	"	4	"	
10	"	"	2-3	29.92	64	60	60	"	"	4	"	
11	"	"	2-3	29.92	64	60	60	"	"	4	"	
Mid.	"	"	2-3	29.92	64	60	60	"	"	3	"	

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by at — ° ' "

under the command of Commander H. Scott Schley, U. S. Navy,

Monday October 21st, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and ends—AM. Cloudy Cool. Calm Barfalling Sea Smooth. Fires banked in—boilers As steam pressure 10 lbs

L. K. Leggett
Lieut

From—to 8 A.M. Cloudy and Pleasant Light breeze from N.E. and N.—At 7.00 cruising Steamer came in and moored in dock. Executed morning orders Fires banked in—boilers As steam pressure 10 lbs

Saml. Lindsley
Ensign

From 8 A.M. to Meridian Clear Pleasant Light breeze from N.E. by N. Rigged in fore and Flying ~~jib boom~~ jib boom. At 11 got underway and stood into the dock At 12 moored fast to dock Steam in—boilers

L. P. Jouett
Master

From Meridian to 4 P.M. Clear and Pleasant Light to stiff breeze from N. by E. Crew engaged in further securing ship to dock—At 12 ½ hauled Fires Lowered Stack Took down ~~stack~~ Boats cover off rigging and At 3 sent down T.G. masts in order to overhaul T.G and royal rigging

Saml. Lindsley
Ensign

From 4 to 8 P.M. Cloudy. Pleasant Moderate breeze from N.E. by E. Some Heavy clouds. Overhauling T.G and royal rigging

L. P. Jouett
Master

From 8 P.M. to Mid Clear and Pleasant Light to gentle breeze from N. by E. Some clouds

Saml. Lindsley
Ensign

Moon's phase last qr dec N. 9°

Examined and found to be correct.

Asa Walker,
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essay, 3 Rate, 6 Guns,

Cape Town, South Africa

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1				NbNbW	4		29.90	64	60	60		bc	Cu Cu	0	S.	
2				"	4.5		29.90	64	60	60		0	"	0	"	
3				"	4.5		29.89	64	60	60		0	"	0	"	
4				"	4.5		29.88	64	60	60		0	"	0	"	
5				W	4		29.88	64	66	66		0	"	0	"	
6				NbW	4		29.90	64	59	58		"	"	0	"	
7				NbW	3		29.89	64	59	58		bc	"	2	"	
8				N	4		29.89	61	59	58		0	"	0	"	
9				"	4		29.88	61	60	58		"	"	0	"	
10				"	4		29.88	61	60	58		"	"	0	"	
11				NbW	4.6		29.88	61	60	58		"	"	0	"	
Noon.				"	4.6		29.88	61	60	58		"	"	0		

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° ' "

Longitude by D. R. at Noon — ° ' "

Latitude by Observation at Noon ⊙ — ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ — ° ' "

Current during the time — knots — fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at — ° ' "

Water expended during the preceding 24 hours — 320 gallons.

Water — during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 1680 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " — "

P. M.																
1				NbNbW	2		29.89	61	60	59		0	"	0	S.	
2					2		29.90	62	61	61		"	"	0	"	
3				W	4		29.90	62	62	61		bc	"	6	"	
4				NbW	4		29.91	62	63	61		"	"	8	"	
5				"	4		29.93	62	62	60		"	"	6	"	
6				"	4		29.94	62	60	60		"	"	6	"	
7				"	3.4		29.94	61	60	60		"	"	6	"	
8				"	3.4		29.94	61	60	60		0	"	0	"	
9				NbNbW	1		29.94	61	60	60		bc	"	9	"	
10				"	1		29.96	61	60	60		"	"	2	"	
11				"	2		29.96	61	60	60		"	"	1	"	
Mid.				"	2		29.96	61	60	59		0	"	0	"	

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by — at — ° ' "

under the command of Commander W. Scott Ashley, U. S. Navy,

Tuesday October 22nd, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and unites AM Overcast freezing showers latter part of watch. Moderate to stiff breezes from NNW. Guns First clouds.

L. C. Grant
Master

From 4 to 8 AM Cloudy and Sunrise Moderate breezes from NbyW to NNE Light freezing showers of rain first two hours of watch. Received fresh provisions for crew.

C. B. T. Moore
Ensign

From 8 AM to Meridian Overcast and Sunrise Moderate breezes from N latter part equally and running Moderate to fresh breezes from NNW Crew engaged in overhauling and refitting Standing Royal rigging and Jumbo rig outside Barometer steady

Jam. Lyndsf
Ensign

Meridian to 4 PM Overcast First part of watch Clear latter part Light to moderate breezes from NNW to NW At work refitting S. G. Rigging and scraping chain cables on Lower rigging

C. B. T. Moore
Ensign

From 4 to 8 PM Clear and Sunset Latter part equally Gentle to Moderate breezes from SW

Jam. Lyndsf
Ensign

From 8 PM to Mid Cloudy and cool Light airs to light breezes from NNW Barometer steady last three hours of watch. Light Sprinkling of rain last hour of watch

Ensign
C. B. T. Moore

Moon's phase last qr Dec. N. 2°

Examined and found to be correct.

Asa Walker,
Lieut

Navigator.

LOG of the UNITED STATES Steamer & Ship, 3 Rate, 6 Guns,

Cape Town South Africa

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.													Cu Cum			
1				N N E	4.6		29.94	61	59	59		0 g/p	Nimb	0	S	
2				"	4.6		29.92	60	59	59		"	"	0	"	
3				"	4.6		29.90	60	58	58		"	"	0	"	
4				"	4.6		29.88	60	58	58		"	"	0	"	
5				East	4.6		29.90	60	58	58		"	"	0	"	
6				"	4.6		29.90	60	58	58		"	"	0	"	
7				"	4.6		29.90	60	58	57		bcg	"	2	"	
8				"	4.5		29.91	59	58	58		bcg	"	2	"	
9				"	4		29.89	60	60	60		bd	"	2	"	
10				"	5		29.88	60	62	60		"	"	4	"	
11				N by E	5		29.86	61	63	62		"	"	1	"	
Noon.				"	5.6		29.83	61	63	62		"	"	1	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° ' "

Longitude by D. R. at Noon — ° ' "

Latitude by Observation at Noon ⊙ — ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ — ° ' "

Current during the time — knots — fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at — ° ' "

Water expended during the preceding 24 hours — 300 gallons.

Water — during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 1380 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " — "

P. M.																
1				N by E	5.6		29.82	61	61	60		bcg	Cu Cum Nimb	1	S	
2				"	5.6		29.80	61	61	60		"	"	1	"	
3				"	5.6		29.78	61	61	59		"	"	1	"	
4				"	5.6		29.78	61	60	59		bcfg	"	1	"	
5				N	5.6		29.78	61	60	59		bfg	"	0	"	
6				"	5.6		29.78	61	60	59		"	"	0	"	
7				N by E	5.6		29.76	61	60	59		"	"	0	"	
8				"	5.6		29.76	61	60	59		ofN	"	0	"	
9				"	5.6		29.76	61	60	59		"	"	0	"	
10				"	5.7		29.75	61	60	59		"	"	0	"	
11				"	5.7		29.75	61	60	59		"	"	0	"	
Mid.				"	5.7		29.75	61	60	59		"	"	0	"	

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronomoter from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by — at — ° ' "

under the command of Commander W. Scott Schley, U. S. Navy,

Wednesday October 2nd, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and ends with A.M. Overcast Disagreeable Moderate to fresh breeze from N.N.E. & Blowing fresh in squalls. Passing showers

Samuel Smith
Ensign

From 4 to 8 A.M. Overcast Disagreeable Moderate to fresh breeze from N. Passing rain Lost sight of English Steamer Eugco came in Signal Lieut. Officer to English bark Alma Brand with offers of assistance

E. P. Smith
Master

From 8 A.M. to Noon Cloudy and Pleasant Moderate to fresh breeze from N and N by W. Bar falling slowly Enlisted D. J. Buckley as Seaman (Coast Survey) Generals present Received in Equipt. Dept coals & Various Outfitting stuff. and 8 cart loads of wood At work Outfitting down rigging.

C. B. T. Moore
Ensign

Noon to 4 P.M. Cloudy Disagreeable Passing rain last hour Squally. Wind fresh in puffs from N. by W. Barometer falling Crew at work on rigging English Steamer Damoe went to sea

W. G. Hamman
Midshipman

From 4 to 8 P.M. Overcast and Pleasant. Stiff to fresh breeze from N. and N. by W. Barometer falling slowly & steady last two hours Ugly thundering weather Sailor part of watch

C. B. T. Moore
Ensign

From 8 P.M. to Mid. Cloudy Ugly Disagreable weather & Stormy breeze with very fresh in puffs from N. by W. Bar. steady last part of watch Passing rain.

W. G. Hamman
Midshipman

Moon's phase last qr Dec. S 4°

Examined and found to be correct.

Asa Walker
Lieut

Navigator.

LOG of the UNITED STATES Steamer Egeria, 2 Rate, 6 Guns,

Cape Town South Africa

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1				NbyW	6.7		29.83	60	60	59		cpq	Cirrus	0	S	
2				"	6.7		29.85	60	60	59		cpq	"	0	"	
3				"	6		29.86	60	60	59		cpq	"	0	"	
4				"	5.6		29.85	60	60	59		pc	"	8	"	
5				"	6		29.85	60	59	59		"	"	2	"	
6				NbyW	6		29.86	60	58	58		cpq	"	0	"	
7				"	6		29.88	60	59	58		pc	"	4	"	
8				"	6		29.88	60	59	58		"	"	6	1	
9				"	5.4		29.90	60	59	57		pc	"	3	"	
10				"	5.4		29.96	60	59	60		pc	"	3	1	
11				"	5.4		29.92	61	60	60		"	"	3	1	
Noon.				"	5.4		29.93	61	60	60		"	"	2	1	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° ' "

Longitude by D. R. at Noon — ° ' "

Latitude by Observation at Noon ⊙ — ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ — ° ' "

Current during the time — knots — fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at — ° ' "

Water expended during the preceding 24 hours — 280 gallons.

Water during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 1700 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " — "

P. M.									
1	"	6	29.93	62	62	60	pc	"	3 D.
2	"	6	29.95	62	62	60	"	"	4
3	"	6	29.96	62	62	60	"	"	2
4	"	6	29.97	62	62	61	"	"	2
5	"	4.5	29.93	62	61	59	"	"	2
6	"	4.5	29.95	62	61	59	"	"	2
7	"	4.5	29.98	62	61	60	"	"	2
8	"	4.5	30.00	62	60	60	"	"	2
9	"	3.6	30.01	62	60	59	0	"	0
10	"	3.6	30.01	62	61	59	"	"	0
11	"	3.6	30.01	61	60	59	pc	"	1
Mid.	"	3.6	30.01	61	60	59	"	"	1

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by — at — ° ' "

under the command of Commander H. Scott Schley, , U. S. Navy,

Thursday Oct 24th , 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and ended AM Cloudy and cool Clear last hour of watch. Stiff to very fresh breezes from N by E. Squally Bar very cloudy. Passing showers of rain First 3 hours of watch

T. A. Griffin,
Midshipman

From 4 to 8 AM Cloudy Cool Fresh NW by W breeze Cum Kind clouds Passing showers Rec fresh provisions for crew.

L. P. Jewett
Master

From 8 AM to Meridian Overcast. Cool Wind moderate from NW by W. Barometer rising At 9 30 mustered crew Following men absent without leave Wm Parker and D. Y. Kelly and Walter Eddie Mack M. F. Quinnell P M Punished worst two rigging Lt Com Aiken suspended from duty for being absent without leave by order of Comdr.

W. S. Hannum
Midn

From Meridian to 8 PM Cloudy Cool Fresh breeze from NW by W Cum Kind clouds Passing ship outside. Rec on account Dyke 24 pkg whiskey 1 bbl brandy 10 lbs sugar 4 lbs tea 1 bbl milk 1/2 ream No paper 1/2 ream letter paper. 1 box glass 6 pen holders Light water at 1

L. P. Jewett
Master

From 4 to 8 PM Cloudy Cool Moderate breeze from NW by W Bar rising Passing rain last hours of watch Employed Cleaning "Falmouth castle" went to sea

W. S. Hannum
Midn

From 8 PM to Mid Cloudy Cool Fresh breeze from NW by W breeze Cum Kind clouds Light sprinkling rain

L. P. Jewett
Master

Moon's phase last qr Dec. S. 11°

Examined and found to be correct.

Asa Walker.
Lieut.

Navigator.

LOG of the UNITED STATES Steamer Essex , 3 Rate, 6 Guns,

Cape Town South Africa

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1			~~N~~	N	3.4		29.98	63	60	60		bc	Cir Cum	2	D.	
2			"	"	3.4		29.96	63	60	60		"	"	2	"	
3			"	"	3.4		29.95	63	60	60		"	"	2	"	
4			"	"	3.4		29.95	63	60	60		"	"	2	"	
5			~~N. NW~~	N. NW	3.4		29.95	61	55	55		"	"	2	"	
6			"	"	3.4		29.95	61	58	55		0.3.	"	0	"	
7			"	"	2.3		29.97	61	60	58		"	"	0	"	
8			"	"	2.3		29.97	61	60	55		"	"	0	"	
9			"	"	4.5		29.98	62	61	60		bc	"	5	"	
10			"	"	4.5		29.98	62	62	62		"	"	7	"	
11			"	"	5.6		29.98	62	62	62		"	"	9	"	
Noon.			"	"	6.		29.98	63	62	62		"	"	3.	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours gallons.

Water received during the preceding 24 hours 1900 "

Water remaining on hand fit for use at Noon 27000 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.									
1	~~NW by N~~	6	29.96	63	63	62	bc	"	0 A.
2	"	6	29.96	63	63	62	"	"	0
3	"	6	29.96	63	62	61	"	"	0
4	"	6	29.96	63	62	61	"	"	0
5	"	6	29.96	63	62	61	"	"	1
6	"	6	29.96	63	61	60	"	"	2
7	"	6	29.97	64	61	60	"	"	1
8	"	6	29.98	63	61	60	"	"	2
9	N by W	5	30.00	63	61	60	bc	"	0
10	N	5	30.00	63	61	60	"	"	0
11	N by E	6	30.00	63	61	60	"	"	0
Mid.	"	6	30.00	63	60	60	"	"	1

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander W. Scott Schley, U. S. Navy,

Friday Oct. 25, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and All Overcast Cool Moderate breeze from N. Bar falling & high water at 1.30
N.S. Hammond
Midn

From 4 to 8 A.M. Overcast and hazy Moderate to light breeze from N.N.W. At 7.30 Pacific mail Steamer got underway stood out bound Mustered crew and found M. G. Blake Mach absent over time. Wm Baker and Daniel Shelly Ords were confined without irons to await action of Comdr Officer absent without leave.
Saml Lemly
Ensign

From 8 AM to Wind. Cloudy Cool Fresh breeze from N.W. Some Rain clouds Moored ship mooring Sent Liberty party on shore. Flood tide. Daniel Shelly Ord and Wm Baker Ord were placed in single irons for leaving ship without permission Received on board 1900 gals fresh water
E. P. Smith
Master

From Meridian P.M. Cloudy Cool Moderate to fresh breeze from N.W. by N. Sea & rain clouds. Rec stores
Saml Lemly
Ensign

From 4 to 8 P.M. Cloudy Cool Fresh N.W. by N breeze Some Rain clouds. Philip Hagan OS placed in double irons for being drunk and disorderly. Low water at 6.45 English mail steamer came in from Edgartown
E. P. Smith
Master

From 8 P.M. to Mid Overcast and cloudy with fresh wind from N.N.W. North and N by E. Bar steady At 8.15 Asst Surgt Jay U.S.N. reported absence of Wm Baker Ord Yeoman in irons & sick At 9 called all hands and mustered crew. Following men absent without leave. Geo Williams John Sullivan John Hall Asst Waters O.D. and Geo P. Adams (P.M.) By order of Cmdy Officer D. Marcon Ord 2d Class was confined in double irons for engaging in being drunk & disorderly. English mail steamer sent to sea
Saml Lemly
Ensign

Moon's phase 1st Qr Dec 8 17°.

Examined and found to be correct.
Asa Walker
Lieut.

Navigator.

LOG of the UNITED STATES Steamer Osey, , 3 Rate, 6 Guns,

Cape Town South Africa.

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1				N. N. E	1		29.99	63	60	60		0	Cum Nim	0	L	
2				"	1-2		29.98	63	60	60		"	"	0	"	
3				"	2		29.97	63	59	60		"	"	0	"	
4				"	1-2		29.96	63	59	60		0	"	0	"	
5				"	1-2		29.98	62	59	60		0	"	0	"	
6				"	1-2		29.99	62	59	60		"	"	0	"	
7				"	3-4		30.02	62	59	60		"	"	0	"	
8				"	3		30.02	63	59	60		"	"	0	"	
9				"	4		30.00	63	61	61		"	"	0	"	
10				"	4		30.00	63	63	63		Lc	"	0	"	
11				N	3		30.01	66	67	67		"	"	1	"	
Noon.				"	3		30.01	63	67	64		"	"	1	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours 250 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 2650 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.																
1				N N W	4		30.00	63	67	67		0	"	0	L	
2				"	4-5		30.00	63	63	63		"	"	0	"	
3				N W	4		30.00	63	63	63		Lc	Ci Cum	2	"	
4				"	3		30.00	63	63	63		"	"	1	"	
5				N W by W	3		30.01	63	67	64		"	Ci Cum	1	"	
6				W N W	2		30.02	63	63	63		"	"	5	"	
7				"	2		30.02	62	63	63		"	"	7	"	
8				"	2		30.00	62	62	62		"	"	8	"	
9				N by W	2		29.99	62	62	62		"	"	8	"	
10				"	1		29.99	62	62	62		"	"	8	"	
11				"	1		29.99	65	62	62		"	"	8	"	
Mid.				N N E	2		29.98	65	62	62		"	"	8	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander W. L. Otley, U. S. Navy,

Saturday Oct 26th, 18 58.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commence and until 4 A.M. Fresh Pat, Drizzling rain last hour Cum Nim, cloudy, Very fresh breze from N.N.E. blowing in squalls, High water at 2-30. Wm Barker Ldr, returned on board and was confined in single irons.

E. P. Jarrett

4-48 A.M. Overcast & Cold and Stiff breze from N.NE moderating to gentle breze latter part of watch. At 6" English Steamer Warwick Castle came into the dock. Low water at 8.10

C. B. T. Moore
Ensign

8. to 12 Mid. Cloudy but pleasant. Moderate to gentle breze from N.N.E and N. Flood tide At 9.15 muster at quarters George L Adams (Pvt Mar.) W. C. Blake, Mach John Hall Ord 2d class, O. J. Owens Ord, George H. Kahn (Ord. 2 class) and John Baline (Ord.) absent without leave. Sent a reward of $10 each for their apprehension and delivery on board, D. J. Rooney (Ord.) was released from confinement and restored to duty. By order of The Comds Office. At noon W. C. Blake Mach returned on board, An English Commander made official call on Comds Officer in behalf of Comander Julian commanding English naval Forces on E. Africa Station,

Jno. Sculp,
Ensign

Mid. to 4" P.M. Clear and pleasant, Light to gentle breze from N.NW to N. Bar steady, Sent Liberty party on shore,

C. B. T. Moore
Ensign

4. to 8. P.M. Clear and pleasant to light breze from N.W. by W. and W.N.W. Flood tide, By order of The Comds Officer Jas Roberts Ord. was confined in double irons to await trial by Court Martial for smuggling liquor.

L. P. Jarrett, Master

From 8" P.M. to Mid Clear and cool, light ~~breeze~~ breze from N. by W. to N.N.E. W. B Hanford Ord 2 C. ~~was absent~~ absented himself from the ships without leave. Low water at 8" A.M. O.J. Owens Ord, G H Kahn and John Hall Ord 2 class returned to the ship.

C. B. T. Moore
Ensign

Moon's phase 1st qr. S. 22°

Examined and found to be correct.

Asa Walker
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate, 6 Guns,

Capetown South Africa

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1			N by W.	N. NE.	3		29.96	62	61	61		bc	Cir Cum Nimb	4	S.	
2			"	"	3		29.94	62	61	61		"	"	6	"	
3			"	E. NE.	2		29.94	62	61	61		"	"	6	"	
4			"	"	2		29.93	62	61	61		"	"	5	"	
5			"	"	2		29.92	62	60	60		"	"	3	"	
6			"	"	2		29.90	64	60	60		"	"	3	"	
7			"	"	2		29.92	64	60	60		"	"	2	"	
8			"	N.	2		29.92	64	61	61		"	"	1	"	
9			"	NE. by E.	2		29.92	64	62	62		o	"	0	"	
10			"	"	2		29.91	64	63	63		"	"	0	"	
11			"	"	3		29.90	64	63	63		"	"	0	"	
Noon.			"	NE by N	4		29.89	65	65	64		"	"	0	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours 200 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 2400 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.			N by W.	N.	3		29.87	65	64	63		O.V.	Cir Cum Nimb	2	S	
1			"	"	3		29.85	65	64	63		o	"	0		
2			"	"	3		29.83	65	66	64		bc.	"	1		
3			"	"	3		29.81	65	66	64		"	"	1		
4			"	N by W.	2		29.81	65	65	64		O.V.	Cir Remb	0		
5			"	"	2		29.82	65	64	63		"	"	"		
6			"	N by E	3		29.82	65	63	62		"	"	"		
7			"	"	4		29.83	65	61	61		o	"	"		
8			"	"	3-4		29.83	65	61	61		bc	"	1		
9			"	N by W	4-5		29.83	65	61	61		OV	"	0		
10			"	"	4.5		29.84	65	61	61		"	"	"		
11			"	"	4-5		29.84	65	61	61		"	"	"		
Mid.			"	"	4-5		29.84	65	61	61		"	"	"		

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander H. Scott Schley, , U. S. Navy,

Sunday, October 27th , 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy and pleasant. Gentle to light breeze from N.N.E. Flood tide High water at 3.30.

Thos. Crulcs
Ensign

From 4 to 8 A.M. Cloudy. Pleasant. Wind light from E. N.E. and N Barometar slowly falling. Ebb tide

C L Bruns
Midshipman

From 8 A.M. to Meridian Overcast and pleasant. Light to moderate breeze from N by E. to N by W. At 9.15 mustered at quarters. The following men found absent from overstaying leave Michael Gurry. (2cd) J. H. Magee. (2cd) A Simpson (1cd) without leave Philip Kincade (Lds) Wm. Hardie (O.S.) and W.H. Danforth (O.S.) By order of Cond'g officer T.G. Roberts (O.S.) Wm. Parker (Lds) and Saml Shirley (Lds) were released from confinement and returned to duty Flood tide

C. B. T. Moore
Ensign

From Meridian to 4 P.M. Weather cloudy. Passing rain first hour of watch Barometer falling. Sent a party of men as here on liberty. Slack water at 2.16. Michael Mangan O.S. left the ship without permission

C L Bruns
Midshipman

4 to 8 P.M. Overcast and rainy. Light to moderate breeze from N by W. to N. by E. At 4. the English Steamer "Asiatic" came into the dock. Lds. Adams (P.M.) returned on board. Ebb tide.
W.H. Danforth (O.S.) and Michael Gurry (2cd) returned to the ship.

C. B. T. Moore
Ensign

4 P.M. to Mid. Cloudy. Cool. Passing rain. Barometer steady Low water at 9.15.

C L Bruns
Midshipman

Moon's phase 1st Qr. Dec. S. 25°.

Examined and found to be correct.

Asa Walker
Lieut.

Navigator.

LOG of the UNITED STATES Steamer Essex, 2nd Rate, 6 Guns,

Cape Town South Africa

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1				NNW	5.6		29.83	64	60	58		b d	Cum Mist	7	S	
2				NW by W	5.6		29.82	64	58	58		"	"	2	"	
3				NW by W	5.7		29.82	64	58	58		"	"	7	"	
4				W	5.7		29.80	63	57	57		"	"	8	.	
5				"	5.7		29.88	62	57	58		b cy	"	7	.	
6				"	5.7		29.88	62	59	58		o sky	"	0	.	
7				"	5.7		29.91	61	59	58		b cy	"	2	.	
8				"	5.7		29.93	61	59	58		.	"	4	"	
9				"	4.6		29.98	62	60	59		"	"	4	"	
10				"	4.6		29.99	62	60	60		b cy	"	2	"	
11				"	4.6		30.00	63	61	60		"	"	2	"	
Noon.				"	4.6		30.01	64	62	61		"	"	1	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the .

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours 2 50 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 2150 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
P. M.																
1				W	4.7		30.04	63	62	62		b cy	Cum Mist	9	S.	
2				"	4.7		30.06	64	61	61		"	"	7		
3				"	4.6		30.09	65	62	62		"	"	7		
4				"	4.6		30.12	65	62	62		"	"	7		
5				"	4.5		30.14	65	61	60		b	"	7		
6				WbyN	4.6		30.16	65	61	60		"	"	7		
7				W by N	3.5		30.18	65	61	60		"	"	5		
8				"	3.5		30.21	64	60	59		"	"	5		
9				"	3.5		30.23	62	60	59		"	"	6		
10				"	1.2		30.26	62	60	59		"	"	8		
11				"	1.2		30.26	62	59	58		"	"	8		
Mid.				"	1.2		30.26	62	59	58		"	"	9		

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Comdr W. Scott Schley. , U. S. Navy,

Monday. Oct 28th , 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and ends with Clear and cool. Stiff to very fresh breezes from N.W. to West Bar falling latter part of watch. Flood tide

L. B. F. Moore
Ensign

From 4 to 8 A.M. Cloudy Passing showers during watch. Squally Heavy clouds Wind very fresh in squalls from W.d Received on board 140 lbs Salt for crew. Bar rising. Ebb tide.

L. C. Jouett
Master.

From 8 AM to Noon Cloudy. Cool. Frequent rain squalls during watch. Moderate to fresh breezes from W. Bar rising At 9 a.m. mustered at quarters. Following men absent after their liberty Boyle & Sprunk. James Thiele (Cook) Edward Mogan. Henry Simpson (Cd.) J. H. Magee Jr.s Geo R Wilson Mach. James Brady Mach. Jas. F. Stamps (Cd.) James Stephens W. R. cook Thos Foley Side Boy. The following absented themselves without permission Phil Lincoln Seaman Mack Madigan. Ord Seaman D. L. Handley. Ord. Wm Parker James. O'Donnell (Cd.) Confined Wm Hadley Ord. in double irons to await action of Comdr for attempting to leave the ship without permission Carpenters Gang engaged in repairing Cutter Yawl and Jolly Yards.

J. A. Bruns
Master

From Noon to 4 P.M. Clear Passing showers first part. Moderate to fresh breezes blowing to squalls from Heavy clouds John P. Heid O.S. placed in single irons on bread and water for further orders. Mach. Mayger. O.S. returned on board James A. Donnell (Cd.) was brought on board by Police High water at 2.30

L. C. Jouett
Master

4 to 8 P.M. Cloudy. Squally. Wind moderate to fresh from W. Bar rising Sent descriptive list on shore with rewards for men absent without leave

J. A. Bruns.
Master

8 P.M. to Midn. Clear Cool Light breezes from W.d Heavy clouds Low water at 10.30 P.M. Doct. M.A.A. exempted from duty and confined to berth deck to await action of Comdr for leaving ship without permission

L. C. Jouett
Master

Mean Atmospheric Pressure for the day 30.27°

Examined and found to be correct.

Asa Walker
Lt.

Navigator.

LOG of the UNITED STATES Steam Ecko , 2 Rate, 6 Guns,

Cape Town South Africa

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1				W	2		30.26	60	56	57		bc	Cir Cumb	7	S	
2				"	1.2		30.25	60	58	57		"	"	7	"	
3				"	1.2		30.25	60	58	57		"	"	7	"	
4				"	1.2		30.24	60	58	57		"	"	7	"	
5				E by E	0 1		30.25	60	57	57		"	Cumb	9	"	
6				"	1		30.25	60	57	57		bcg	Cir Cumb	9	"	
7				Calm	0		30.26	60	57	58		"	"	9	"	
8				"	0 1		30.27	60	57	58		"	"	9	"	
9				W by N	1		30.26	60	59	59		bc	"	9	"	
10				W by N	3		30.25	60	59	59		"	"	9	"	
11				"	3		30.24	60	60	59		"	"	9	"	
Noon.				"	3		30.24	60	62	60		"	"	9	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours 270 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 1900 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.																
1				W by N	3		30.24	60	62	60		bcg	"	9	S	
2				"	3.5		30.24	60	63	62		"	Cumb	9	"	
3				W by N	3.5		30.24	64	64	62		"	"	9	"	
4				"	3.4		30.24	63	64	61		"	"	9	"	
5				W by S	3.4		30.24	63	65	64		"	"	9	"	
6				"	3.4		30.24	63	62	62		"	Cir Cumb	8	"	
7				"	2 3		30.24	63	61	60		"	"	8	"	
8				"	1.2		30.24	63	60	60		"	"	9	"	
9				W	2		30.25	63	60	59		"	"	8	"	
10				"	1		30.26	63	59	59		"	Cir Cumb	7	"	
11				Calm	0		30.26	63	59	59		"	"	8	"	
Mid.				S.S.W.	1		30.26	63	59	59		"	"	9	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander W. Scott Schley, U. S. Navy,

Tuesday Oct 29th, 1895.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and ended A.M. Clear Cool Light airs to light breze from W. Bar fishing slowly. High water at 3.45 A.

C. L. Bonney
Ensign

From 4 to 8 A.M. Clear Hazy and Pleasant. Calms and light airs from 8th Ebb tide at 8 loosed sails Received fresh provisions for crew. Edward Moran (O.S.) returned on board

Chas. C. Bradley
Ensign

From 8 A.M. to Midd. Clear Pleasant Gentle W. breeze Cir. Cum clouds. At 9 45 mustered at quarters Received on Pay. Dept / Bbls flour 2 B. & Box M. Ag Kreasel and pieces on duty At 11. 30 finished sails

L. S. Jarrett
Master

Mond. to 8 P.M. Clear and Pleasant. Gentle to moderate breeze from W. to W. Received in Equip Dept 2 c cr. brooms. Edward Moran (O.S.) and James Stephens W.P. cook returned from liberty

Chas. C. Bradley
Ensign

From 4 to 8 P.M. Clear and Pleasant Moderate breeze from W. to E. Laying out towards end of watch. Cir. Cum clouds Royal mail Steamer Acadia left for England. High water at 5.30 J. M. McGee I.C.D. returned on board

L. S. Jarrett
Master

From 8 P.M. to Midn. ~~Calm and light~~ Clear and Pleasant. Calm and light airs from W. to S.W. By order of Comdy Officer Philip Hagan (O.S.) a prisoner was confined in for passage for smoking on deck. Jas Destrange (O.S.) returned from liberty

Chas. C. Bradley
Ensign

Moons phase Diff. dec. S 27°

Examined and found to be correct.

Asa Walker
Lieut.

Navigator.

LOG of the UNITED STATES Steamer Eagle, 3 Rate, 6 Guns,

Cape Town South Africa

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1				E. N.E.	0-1		30.25	63	59	58		b.c.	Cu Cum	9	8	
2				"	0-1		30.23	63	58	58		"	"	9	"	
3				Calm	0		30.20	63	58	58		"	"	9	"	
4				"	0		30.20	62	58	58		"	"	9	"	
5				N.W.	0-1		30.18	62	58	58		"	"	6	"	
6				"	0-1		30.18	62	59	58		"	"	3	"	
7				N.by W.	1		30.18	62	60	59		"	"	5	"	
8				N.N.W.	1		30.18	62	62	61		"	"	7	"	
9				"	1		30.18	62	63	62		"	"	8	"	
10				"	1		30.19	63	65	65		"	"	8	"	
11				"	1		30.19	64	67	67		"	"	7	"	
Noon.				N.	1		30.18	65	69	67		"	"	6	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° ' "

Longitude by D. R. at Noon — ° ' "

Latitude by Observation at Noon ⊙ — ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ — ° ' "

Current during the time — knots — fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at — ° ' "

Water expended during the preceding 24 hours — 260 gallons.

Water — during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 1670 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " — "

P. M.																
1				N.	0-1		30.18	67	69	68		b.c.	"	4	8	
2				"	0-1		30.18	67	71	69		"	"	5	"	
3				N. by E.	0-1		30.18	68	73	70		"	"	7	"	
4				"	0-1		30.18	68	73	70		"	"	5	"	
5				"	1		30.12	69	73	70		"	"	4	"	
6				"	1		30.10	68	70	68		"	"	5	"	
7				N. N.W.	0-1		30.10	68	67	67		"	"	6	"	
8				"	0-1		30.10	68	66	65		"	"	9	"	
9				"	1		30.10	68	66	64		"	"	9	"	
10				N. by E.	1		30.10	68	66	64		"	"	9	"	
11				"	0-1		30.10	65	66	64		"	"	9	"	
Mid.				N. N.W.	1		30.10	68	66	64		"	"	9	"	

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by — at — ° ' "

under the command of Commander H. Scott Ashley, U. S. Navy,

Wednesday Oct 30th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and ended A.M. Clear Cool Light airs from E.S.E. first part. Calm remainder of watch. Fair fresh cool Bright moonlight Jas. Brady Mate returned on board

E. A. Jones
Master

From 4 to 8 A.M. Cloudy and Pleasant Light airs from N.W. to N.by W. Flood tide. Wm. Parker Lds returned on board.

C. B. T. Moore
Ensign

From 8 A.M. to Meridian Clear and warm Light airs from N.N.W. and N. Ebb tide. At 9.30 was piped at quarters. Received on Equip. Dept 20 Coir brushes and handles and 1 coil 3 inch Hemp. Received on Pay Dept 3 bbls sugar 1/2 bbl coffee. 6 boxes canned beef 2 bbls rice 13 boxes pickles. Midshipman H. G. Hannum reported Wm. Parker Lds. John Babe (2nd Cl) overstaying leave. W. F. Dawson and Seaman Meyer (2) absenting themselves without permission. John Babe (2nd Cl) returned on board at 12 M.

Jas. C. Gould.
Ensign

From Meridian to 4 P.M. Cloudy and warm Light airs from N. and N.by E. At 12.15 returned on board Wm. Parker Lds returned on board. Received in Pay Dept. 18 bbls pork. 8 bbls beef. 6 packages groceries 10 boxes pickles 4 bbls beans. 1 box butter 4 bbls sugar. 38 boxes bread. By order of Commdr. Midn H. G. Hannum was placed under suspension for being absent from the ship at quarters

C. B. T. Moore.
Ensign

From 4 to 8 P.M. Clear and pleasant Light airs from N.by E and N.N.W. Flood tide.

Jas. C. Gould
Ensign

From 8 P.M. to Mid. Clear and pleasant Light breeze from N.N.W. first and last hours of watch and N.by E. middle part. Barometer Low water at 1.40 P.M. Parker Lds returned on board

C. B. T. Moore
Ensign

Moon's phase 1st qr Dec. S. 25°.

Examined and found to be correct.

Asa Walker.
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex, 3 Rate, 6 Guns,

Cape Town South Africa

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1			N by W.	Calm	0		30.05	64	64	69		b	b c b cu	9	S	
2			"	"	0		30.03	63	69	63		"	"	9	"	
3			"	S W.	0		30.03	63	63	62		"	"	9	"	
4			"	N W.	0-1		30.03	63	63	62		"	"	9	"	
5			"	N	01		30.03	63	62	62		"	"	9	"	
6			"	"	01		30.03	64	62	62		"	"	9	"	
7			"	"	01		30.03	63	64	64		"	"	9	"	
8			"	"	01		30.03	64	65	64		"	"	9	"	
9			"	N N W.	01		30.03	64	67	65		"	"	9	"	
10			"	"	01		30.03	66	69	67		"	"	9	"	
11			"	Calm	0		30.03	67	70	69		"	"	9	"	
Noon.			"	"	0		30.03	67	73	70		"	"	9	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours 260 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 1400 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.								
1	Calm	0	30.03	69	76	74	b	" 9
2	N.W.	01	30.04	76	77	76	"	N cu 10
3	"	0-1	30.04	70	77	76	"	10
4	"	01	30.00	71	78	76	"	10
5	N N E.	1	30.00	72	79	76	"	10
6	"	3	29.98	72	75	73	"	10
7	N. N E.	5	29.98	73	74	73	"	10
8	N. N E.	1	29.98	73	73	71	"	10
9	S W by S.	3-1	29.98	73	73	71	"	10
10	"	01	29.98	73	73	71	"	10
11	"	0	29.98	72	73	71	"	10
Mid.	"	0	29.98	73	73	71	"	10

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Comdr W. Scott Schley, U. S. Navy,

Thursday Oct 31st, 18 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM Clear Cool Pleasant Calm first two hours Light airs from N.W. and N.W. last two. Flood tide

Sam. Epply
Ensign

From 4 to 8 AM Clear Warm Light airs from N.E. Cir Cum clouds Made preparations for coaling ship and at 6.30 commenced Hgh-water at 5.30 Received on board fresh provisions for crew

C L Brune
Master

8 AM to Mid Clear and Warm Light breezes to light airs from N.W. first two hours of watch Calm last two. At 9 AM mustered at quarters The following men absent without leave J Powers (C.T.) and Wolfinger O.S. At 10.10 P.M. Dalton came in Asst Surgeon from H.M.S. Danae with compliments of Commdr and the visit was returned Coaling ship J H Foster (C.T.) and D Wolfinger O.S. returned on board

C. B. T. Moore
Ensign

From Mid to 4 PM Clear Warm Light N.W. by W airs Blowing strong from Commdr outside Officer from H.M.S. Danae visited ship officially. Coaling ship Received on board 6 Globe lanterns.

C L Brune
Master

4 to 8 PM. Clear and Warm Light airs first and last part of watch from N.W. & N. Middle part gentle breeze to stiff from S. and S.S.E. Par cloudy. Finished coaling ship Received on board 1 Cwt Sperm candle 1 Cwt Kerosene oil. Hgh water at 5.45

C. B. T. Moore
Ensign

From 8 PM to Mid Clear and pleasant Sudden squalls of wind blowing gentle breeze from S.W. by S and very fresh in squalls from S.E. Hazy & dull outside Low water at 4. Par cloudy 29.95.

C L Brune
Master

Moons phase 1st qr. Dec. 22°

Examined and found to be correct.

Asa Walker.
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex , 3 Rate, 6 Guns,

Cape Town South Africa

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1				W	2		29.97	72	67	66		b	None	10	8	
2				W by N	2		29.95	72	67	66		"	"	10	"	
3				"	2		29.94	72	66	65		"	"	10	"	
4				W by S	2		29.93	72	66	65		"	"	10	"	
5				"	2		29.93	71	68	66		"	"	10	"	
6				"	2		29.93	70	68	66		"	"	10	"	
7				"	0		29.94	68	68	66		b	Cir Cumu	9	"	
8				Calm	1.2		29.94	69	70	68		b	"	9	"	
9				"	1.2		29.94	71	72	71		"	"	9	"	
10				W by N	1.2		29.94	72	75	71		"	"	9	"	
11				"	1.2		29.94	72	76	79		"	"	9	"	
Noon.				SE	1.2		29.95	74	79	74		"	"	9	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ′ ″

Longitude by D. R. at Noon ° ′ ″

Latitude by Observation at Noon ⊙ ° ′ ″

Longitude by Chronometer from Forenoon Observations ⊙ ° ′ ″

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ′ ″

Variation of the Compass by Azimuth ⊙ observed at ° ′ ″

Water expended during the preceding 24 hours 350 gallons.

Water received during the preceding 24 hours 1850 "

Water remaining on hand fit for use at Noon 2900 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.											
1	W by W	"	3.4	29.93	75	84	78	"	"	9	8
2	"	"	3.4	29.93	75	84	79	"	"	9	"
3	"	"	3.4	29.93	79	86	80	"	"	9	"
4	"	"	3.4	29.93	80	88	79	"	"	9	"
5	At anchor	"	3.4	29.91	80	85	77	"	"	9	"
6	S x E	S x E	3.4	29.90	81	83	75	"	"	9	"
7	"	"	4.5	29.90	79	82	74	"	"	9	"
8	"	"	5.6	29.90	79	81	74	"	"	9	"
9	"	"	5.6	29.90	78	81	72	b c y	"	9	"
10	"	"	6.7	29.90	77	80	70	"	"	9	"
11	"	"	6.7	29.88	77	80	70	"	"	9	"
Mid.	"	"	6.7	29.88	76	78	70	"	"	9	"

Longitude by Chronometer from Afternoon Observations ⊙ ° ′ ″

Longitude by Chronometer from Observations * ° ′ ″

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ′ ″

Variation of the Compass by at ° ′ ″

under the command of Comdr W. S. Schley, , U. S. Navy,

Friday Nov 1st , 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 AM Clear and Cool Light breezes shifting from W. to NW. Bar falling slowly.

C. B. T. Moore
Ensign

From 4 to 8 AM Clear Warm Light breezes from NW. with occasional fresh gusts from SE. English Vince came in and sent into Dock. Confined David Kelly, L^d^ in double irons for leaving ship and being disorderly. Received on board fresh provisions for ship

L. P. Jouett
Master.

From 8 AM to Noon Clear and Pleasant Light breezes from NW. last part from SE. At 10.15 John Q. Neil was released from confinement and restored to duty. At 10.30 Started fires in two fire bbl boilers Put on mast head mansion & Hoisted smoke stack and hoisted in catamaran

C. L. Brums.
Mate

From Noon to 4 PM Clear Warm Moderate breezes from SE. Received on board 35 bags bread, 1850 gals water Found P.S. water Made preparations for entering dock.

L. P. Jouett
Master

From 4 to 8 PM Clear and Pleasant. Moderate to Stiff breeze from SE at 4.35 cast off from Dock got under way. At 4.45 anchored in the bay with 45 fms chain on port anchor in 4 fms water At 6.20 Placed John J. Mooney, BM in solitary confinement on bread and water for disrespectful language and disobedience of orders to superior Officer By order of Comdr. At 7 Pipes covered to 60 fms on port chain Entered W. H. Keeling ord Lds for Cruise of the Essex from this date inclusive rigged out and secured gs boom Secured boats for sea

C. L. Brums.
Mate

From 8 PM to Midt Blowing very fresh from SE. Heavy squalls. At 8.30 let go 1st anchor and veered to 90 fms on port chain and 45 fms on Stbd chain Moderate sea Fired sunset gun & hoisted Ensign pr 30 lbs

L. P. Jouett
Master

Moons phase 2^d^ 9^h^ Dec S. 18°

Examined and found to be correct.

A. A. Walker.
Lieut

Navigator.

LOG of the UNITED STATES Steamer Grecian, Rate, 6 Guns,

Sailing Passage from Cape Town to St Helena Island

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1			SE by E	S by E	3.6		29.88	76	78	70		bc	Cu Cum	9	M	
2			"	"	3.6		29.88	76	78	70		"	"	9	"	
3			N by E	N W	0-1		29.88	76	78	70		bc	"	9	"	
4			"	"	0-1		29.85	76	78	70		"	"	9	"	
5			N by E	"	1		29.85	74	71	70		"	"	9	"	
6			"	Calm	0		29.89	74	71	70		"	"	9	"	
7			N E	"	0		29.87	72	72	71		"	"	9	"	
8			N by E	"	0		29.88	71	72	71		"	"	9	"	
9				"	0		29.90	71	73	72		"	"	9	"	
10			Underway	"	0		29.90	73	73	70		"	"	9	"	
11	3	7	N by E	"	0		29.89	73	73	72		"	"	9	"	
Noon.	7.	0	"	"	0		29.90	73	73	70		b	none	10	"	

Distance run by Log since preceding Noon 10 knots 7 fathoms.

Latitude by D. R. at Noon S 33 ° 41' "

Longitude by D. R. at Noon E 18 ° 16' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Sept 1885 Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours 2 6 0 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 2 6 6 0 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.																
1	6	8		"	N	Calm	0-1	29.88	73	71	70	67	"	none	10	M
2	6	8		"	Calm		0	29.83	71	72	71	67	"	"	10	"
3	7	8		"	N by W	N by W	1-2	29.85	73	72	70	67	bc	Cirrus	9	"
4	7	2		"	"		2	29.84	70	69	67	67	bc	Cu	2	"
5	6	7		"	"		2	29.81	70	67	65	64	"	"	2	"
6	5	5	N by W	"	N by E		2	29.80	70	68	64	64	"	"	2	"
7	6	2		"	N E		3	29.83	71	64	64	64	ofw.	"	0	"
8	6	0		"	"		3-4	29.83	70	64	64	64	"	"	0	"
9	6	2		"	"		4	29.82	69	61	62	64	fw.	"	0	"
10	6	5		"	"		4	29.82	69	61	62	63	"	"	0	"
11	6	7		"	"		4	29.81	65	61	62	63	"	"	0	"
Mid.	6	2		"	N E by N		4	29.82	68	61	62	63	"	"	0	"

S 33° 14
E 17 20

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander W. Scott Schley, U. S. Navy,

Saturday Nov 2nd, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and ended 4 AM. Clear and pleasant. Blowing fresh from SE to S and light airs from NW. Ebb tide. Steady 19.88. Swung to flood at 2.30.

L. A. Burns
Asst Engr

From 4 to 8 AM - Clear and pleasant. Calm and light airs from NW. Flood tide. Moored up starboard anchor and hove in to 30 fms port chain. Fidded top-gallant masts. Bent jib and fore topmast staysail. Made preparations for sea. By order of Condg Officer, Wm Hardie (OS), Philip Hazzard (OS) and G. V. Marion (OS) and Danl Shelly (Sds) were released from confinement and restored to duty. Trips tanked in 4 boilers.

Danl Philp

From 8 AM. to Meridian Clear Warm Calm At 8.40 mustered at quarters. At 8.45 crossed top gallt yards. At 9 brought to port chain and at 9.50 got underway and stood out to sea. Wm Baker O.S. Jno Daly Sds. Danl Haupert Qr. and Wm Baker Sds and John Bullens Ord declared deserters from this date. At 10.30 took departure North and Robins Id S.E. NW distant 7 Mile. Bylong Sound. Fired Hollers and Jib Mast Head and Jib Boom in fore Hatch. Steam for 5 Ldr Pressure.

E. P. Jarrett
Master

From Meridian to 4 PM Clear and pleasant first three hours Foggy last half hour. Calm and light breeze from N. N. W. and N. W. by W. courses steering with four boilers. Bent flying jib and mast head and stowed them below. Lost sight of Table mountain obscured by fog. At 3.30 Steam for 5 lbs Pressure.

Danl Philp
Engineer

From 4 to 6 PM Foggy and dark. Light breeze from N. W. Bar falling slowly. At 5 clamped and to N. W. by N. By order of Condr. R. J. Downey O.M. was released from confinement and restored to duty. Steaming with four boilers. On course. Steam for 52 lbs. Pressure. Quarters 26.

C. B. T. Moore
Engineer

From 6 to 8 PM Foggy and damp weather. Gentle to moderate breeze from N. & W. At 7 swung ship 4 yards out of regular. At 7.20 set jib main staysail and spanker. Steam in 4 boilers. Pressure 85 lbs. Quarters 26.

L. A. Burns
Asst Engr

From 8 PM to Midnight Heavy Thick Fog. Moderate N. & W. by Breeze. Steaming with jib and spanker. By order of Condr. Robt Hall Fireman was released from confinement and restored to duty. Steam in 4 boilers. At 9 for 55 lbs Pressure. Quarters 26

E. P. Jarrett
Master

Moon's phase 2d qr. Dec. S. 13°

Examined and found to be correct.

Asa Walker,
Lieut

Navigator.

LOG of the UNITED STATES Steamer Eagle, 3 Rate, 6 Guns,

Making passage from Cape Town South Africa to St Helena Island

Hour.	Knots.	Tenths Fathoms	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	5	5	NWbyN	NNW	3		29.99	65	61	61	64	f	"		8	
2	6		"	NWbyW	4		29.78	68	62	62	64	bf	Cumo	2	"	
3	6	4	"	NNW	3		29.76	68	61	61	64	f	"	0	"	
4	6	0	"		3		29.78	65	61	61	64	"	"	0	"	
5	5	7	"	NW	2		29.78	68	61	60	64	"	"	0	"	
6	5	9	"	"	2		29.80	68	61	60	64	"	"	0	"	
7	6	2	"	"	2		29.80	68	61	60	63	"	"	0	"	
8	6	2	"	NNW	2		29.81	68	61	60	63	"	"	0	"	
9	6	6	"	NW	2		29.82	67	61	60	63	"	"	0	"	
10	6	2	"	"	2		29.82	67	62	62	63	"	"	0	"	
11	6	6	"	"	2-3		29.81	66	62	62	63	"	"	0	"	
Noon.	5	6	"	"	2-3		29.80	66	63	62	63	"	"	0	"	

Distance run by Log since preceding Noon 147 knots 6 tenths fathoms.

Latitude by D. R. at Noon S. 32 ° 28' "

Longitude by D. R. at Noon E. 15 ° 43' "

Latitude by Observation at Noon ⊙ S 32 ° 28' 14"

Longitude by Chronometer from Forenoon Observations ⊙ E 15 ° 32' "

Sq 1885 Current during the time knots 4 ~~fms.~~ tenths per hour setting to the West.

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at 8 AM. Lat. S 32° 41' Long. E 15° 56. W. 28 ° ' "

Water expended during the preceding 24 hours 250 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 2400 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.															
1		0	NWbyN	N	2-3		29.77	66	63	62	63	"	"	0	A
2	1	5	NWbyW	"	2-3		29.76	67	63	62	63	"	"	0	"
3	2	1	NWbyN	NbyW	2-3		29.76	67	63	62	63	"	"	0	"
4	3	0	NWbyW	NNW	3		29.75	67	63	62	63	bd	"	0	"
5	3	0	NbyW	NNW	3		29.75	67	62	62	63	bc	"	2	"
6	4	5	NbyW	NbyN	3		29.75	67	62	62	63	"	"	1	"
7	3	0	NbyW	"	3		29.76	67	61	60	63	bw	Cumulus	0	"
#8	2	8	NNW	WbyN	3		29.76	67	61	60	63	"	"	0	"
9	2	6	"	NbyW	2-3		29.81	67	61	60	63	bp	"	1	"
10	1	0	"	NbyW	1		29.85	67	62	61	63	"	"	0	"
11	1	0	"	"	0-1		29.83	66	61	61	63	"	"	0	"
Mid.	1	2	"	"	0-1		29.83	66	61	61	63	0	"	0	"

#8 S 32° 28' E 15° 15'

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Comdr W. A. Schley

Sunday Dec 3rd

, U. S. Navy,

, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and ends with Pleasant Days and Moderate Gentle breeze from N by W and N.N.W At 12 M took in Sail and Steaming with four boilers Employed Sighting Compass Watch. Hands for 2 Hrs Rec 38.

Wm. C. Smith
Ensign

From 8 to 12 AM Foggy Days and cool Light breeze from N to N.N.W. Pleasant Days Steaming with four boilers At noon N.N.W Steaming with four boilers At 12 M Hands for 2 Hrs Rec 37. Density 26

C. B. T. Moore
Ensign

From 8 P.M to Midnight Saturday Nights Weather light breeze from N.N.W Pleasant Days Steaming with four boilers At 8 30 set Main Skysail and at 11 45 took it in At 9.30 Comdr inspected ship and crew at quarters Immediately after called all hands to muster and articles for the government of the Navy was read Hands divine service and mustered crew At 12 M 12 Hrs Rec 37. At 8 employed Steaming standing to S.E. and E.

C. S. Bronson
Midn

From Midnight to 4 A.M Overcast Nights Light Variable winds last half hour stopped steaming and made Sail heading S.E. and E. At 1 uncovered Screw and lowered each Life Cutter provided with one week supply of Water Chocolate at 11 Rec At 2 set main Topsail reefed mainsail and took in main Skysail Light winds from N.W Sailing 6 to 8 Knots and At 4 Full and by Hoisted Fore Gaff Topsail Sailing Steaming 8 Knots an hour Density 26.

L. P. Grant
Midn

From 4 to 8 A.M Cloudy and Gentle breeze from N.W. Sailing gradually to N by E At 4.0 backed Jib Full and by At 4 30 took in reefed Topsail Fore Gaff Topsail and Jib Sailing Density 26

Wm. C. Smith
Ensign

From 8 to 12 A.M Overcast Hazy Threatening weather Gentle breeze from N by E to N.E Fresh Breezes steady Sea smooth At 8 30 hauled down Pilot Jack and Gaff Topsail took in and furled royals took in Flying jib and Topsails At 9 45 mustered at quarters Ship in order N by E Hoisted Colors hoisted Fore Topsail in two reefs Sailing Density 26.

C. B. T. Moore
Ensign

From 12 M to Midnight Overcast Light breeze from N by E. First hour Calms and light airs from S.W by W Hauled on Watch Pleasant Sea smooth Passing rain By order Comdr Sent the Watch was Hoisted Fore Topsail and reefed and stowed to duty. Fire hauled in Two boilers Sailing Density 26.

C. L. Brownson
Midn

Moons phase 2d qr dec. S. S.

Examined and found to be correct.

A. Walker
Lieut.

Navigator.

LOG of the UNITED STATES Steamer Essex , 3 Rate, 6 Guns,

Making passage from Sydney to Fernando de Noronha Island

Hour.	Knots.	Tenths Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 16ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	1		NNW	W	0-1		29.83	65	62	61	64	on	Cumulus	8	D.	
2	1		"	"	0-1		29.75	65	62	61	64	0	"	0	"	
3		8	"		1-2		29.78	14	62	61	64	"	"	0	"	
4	2		"	WbyS	2		29.78	64	62	61	64	"	"	8	"	
5	2		"	"	2		29.80	64	61	60	64	od	"	0	"	
6	1	5	"	"	1-2		29.81	64	61	60	63	0	"	0	"	
7	1	0	"		0-1		29.81	64	63	63	63	"	"	8	"	
8	No	average way		Calm	0		29.81	66	63	63	63	"	"	0	"	
9	0	5	NNW	NE	1		29.81	65	62	62	63	"	"	0	"	
10	8	0	NNW/W	"	2		29.82	65	63	62	63	"	"	0	"	
11	4		WNW	N	3		29.83	65	63	62	63	"	"	0	"	
Noon.	4	6	"	"	4		29.83	65	63	62	63	"	"	0	"	

S 32° 10'
E 18°

Distance run by Log since preceding Noon 48 knots 7 tenths ~~fathoms~~.

Latitude by D. R. at Noon S 32 ° 10' "

Longitude by D. R. at Noon E 14 ° 47' "

Latitude by Observation at Noon ⊙ S 32 ° 2' "

Longitude by Chronometer from Forenoon Observations ⊙ E 14 ° 46' 30"

Sq. 1384 Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at 9 AM. Lat S 32°10' Long E 14° 59' W. 28 ° 55 "

Water expended during the preceding 24 hours 250 gallons.

Water Condensed during the preceding 24 hours 450 "

Water remaining on hand fit for use at Noon 2600 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.															
1	4	5	WbyN	NNW.	4		29.83	65	63	62	63	0	"	0	D.
2	4	2	NE	"	4		29.82	65	62	61	63	"	"	0	
3	4	6	NE/N	"	4		29.80	65	62	61	63	"	"	0	
4	5	0	NE	"	4		29.80	65	62	61	63	Sc	"	1	
5	4	8	NE/N	"	4		29.79	65	62	61	63	"	"	2	
6	5	4	"	"	4		29.80	65	62	61	63	"	"	1	
7	3	0	NNE/E/SE/S/SW/W/N		4		29.80	65	62	61	63	0	"	0	
8	2	8	NE/N	NNW.	3		29.80	66	62	61	63	"	"	0	
9	1	6	NNE	"	3		29.81	67	62	61	63	"	"	0	
10	3	2	NNW/W	N	3		29.83	66	62	61	63	"	"	0	
11	4	2	NE/N/W.	"	4		29.83	66	62	61	63	Sq	"	0	
Mid.	4	0	NNW.	"	4		29.83	66	62	61	63	"	"	0	

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Lieut. H. Foote Jr. Chley. , U. S. Navy,
Wardroom Rod Lt. , 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and ended All Over cast Cool Light airs from Var. First part necessary to light Freeze during part of watch At 1 hauled up mainsail and set it At 3 at mainsail and Spanker set gaff topsail Lost single reefed topsails and mainsail Fires Banked in two boilers Shelling Ducks.

C. K. Lewis
Lieut Marine

From 4 to 8 All Over cast Light drizzling rain First hour. Pleasant remainder Variable Light breeze from N by E. during part of watch Employed Variously At 5 shook reefs out topsails at 7 got all sail upon ship Fires Banked Two boilers Shelling Ducks 48.

E. P. Jewett
Master

From 8 All to Noon Clear and Pleasant Light airs from N E inclining to a moderate breeze from N by E during part of watch Employed Variously At 9.15 exercised at general quarters Time as follows Employed 30 Manned Guns 30 Var 1m 2s Pdr 2m 25s Grape 2m 10s Gun 3m 20s Pdr 2m 5s Grape 2m 10s Secured at 10.02 in 7m 35s At 9.15 at gaff topsail Fires Banked in two boilers Shelling 25 lbs Distilling By order Board the following punishments were awarded R. Lord Wm A. For neglect of duty and D Keliher Tailor drunk and incapable of performing any duty for 3 months Lt Foote Com Var Paying Off Thos Murphy Ord Jas Bryan Ord Chas Rundley Ord John Hashmen Ord for carelessness in passing boxes below and delaying hoisters each 2 hrs extra duty Seventy.

Danl C. Linsley
Ensign

From Noon P.M. Cloudy and Pleasant Moderate breeze from N by W Var Falling close reefed At 1 Ducker ship to Wind and Eddy At 1.30 Clewed up Light sails and set Watch Sail and Royal Backstays Next Light sails at 2.30. Banked Fires Seventy 27. One sail in sight At end of watch.

C. B. T. Moore
Ensign

4 to 8 P.M. Cloudy & Cool Moderate breeze from N by W. Some Heavy clouds Ship under all plain sail single reefed mainsail Full and by. Seventy 27.

C. L. Myers
Midn

From 8 to 12 P.M. Overcast Cool Pleasant Moderate to gentle breeze from N by W At 6 took in Royals and royals Took single reefed topsails At 9 set mainsail at 9 quarter At 10 o set T. Gaffs Full and by Port tack Seventy 27.

C. N. Brooks
Mid

From 12 M to Mid Overcast Cool Squally Gusts to stiff breeze from N by W Var variable At 2 more ship to N. and W. Ship close hauled Port tack under fore Mainsail Courses single reefed topsails T Gaffs and Spanker Seventy 26.

E. P. Jewett
Master

Moon's phase 2d qr dec S. 3°

Examined and found to be correct.

R. A. Walker
Lt

Navigator.

LOG of the UNITED STATES Steamer Essex, 3 Rate, 6 Guns,

Making passage from Cape Town to St Helena Island

Hour.	Knots.	Lengths Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.													Cirrus			
1	4	5	W by N	S by W	4		29.80	65	61	60	63	o.p.q.	Nimbus	0	S.	
2	5	0	W by N	S	4		29.77	64	61	61	63	"	"	0	"	
3	5	5	S W by W to W by N	S by W	4		29.76	64	61	61	64	"	"	0	"	
4	3	5	"	"	4	1/2	29.75	64	61	61	64	o.q.	"	0	"	Ship under easy sail
5	2	7	S W by W to S W	S	4	1/2	29.73	64	61	61	64	"	"	0	M	Topsails courses fore & aft
6	2	8	S W	S W by S	4	"	29.73	64	62	62	63	o.p.q.	"	0	"	and staysails and spanker
7	3	0	W by S	"	4	"	29.78	63	62	62	62	b.q.	"	1	"	
8	3	5	W by N	"	4	"	29.76	63	62	61	62	"	"	1	"	
9	5	0	W by N		4.6		29.76	64	62	61	62	"	"	2	"	Shook out reefs
10	3	4	W by N to W by S	S W by S	4.6		29.76	63	62	61	62	"	"	3	"	set 2 D sails
11	4	0	W by S	"	4		29.76	63	62	61	63	"	"	5	"	
Noon.	5	0	W by S to S	"	4.6		29.75	63	62	61	63	"	"	7	"	Plain sail to 2 D sails

Distance run by Log since preceding Noon	87 knots	4 lengths fathoms.
Latitude by D. R. at Noon	S 31 ° 39' 40"	
Longitude by D. R. at Noon	E 13 ° 50' 20"	
Latitude by Observation at Noon ⊙	S 31 ° 47'	"
Longitude by Chronometer from Forenoon Observations ⊙	E 13 ° 50'	"
Current during the time knots fms. per hour setting to the		
Variation of the Compass by Amplitude ⊙ observed at Sunrise	°	' "
Variation of the Compass by Azimuth ⊙ observed at	°	' "
Water expended during the preceding 24 hours	250	gallons.
Water during the preceding 24 hours		"
Water remaining on hand fit for use at Noon	2350	"
Coal consumed during the preceding 24 hours	tons	lbs.
Coal remaining on hand at Noon	"	"

Sq. 1384.

P. M.																
1	4	6	W by S to S	"	4.6		29.80	64	62	60	63	"	Cirrus	6	"	All plain sail
2	3	4	W	S W by W	4.6		29.83	64	62	60	63	"	"	9	"	
3	2	8	S by W	S W by W	4		29.82	64	62	60	63	b.c.	"	8	"	
4	2	6	W by S to S		4		29.82	64	62	60	63	"	"	8	S	Same
5	4	5	W by S to W by N	W by N	4		29.84	64	62	60	63	"	"	8	"	
6	4	2	W by S to W by N	"	4		29.85	64	62	59	63	"	"	7	M	
7	5	4	W by S to W by N		4		29.85	64	61	59	63	"	"	6	"	
8	10	8	W by S to W by N	W by N	4		29.85	64	61	59	63	"	"	5	"	Took in sail and
9	4		W by S to W by N	S W by W	4	1/2	29.85	64	61	59	63	"	"	9	"	and set reefd in
10	4		W by S to W	W by N	4.7	1	29.85	64	60	59	63	b.c.q.	"	7	"	topsails
11	3	6	W by S	W by N	3.5	1	29.85	63	60	59	63	b.c.q.	"	7	"	Took in D sails
Mid.	3	2	W by S	W by N	4.7	1	29.85	63	59	59	63	b.c.q.	"	9	"	Took in mizzen topsail and spanker

Longitude by Chronometer from Afternoon Observations ⊙	°	' "
Longitude by Chronometer from Observations *	°	' "
Variation of the Compass by Amplitude ⊙ observed at Sunset	°	' "
Variation of the Compass by at	°	' "

under the command of Commander W. Scott Schley, U. S. Navy,

Tuesday Nov 5th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commence and until 4 A.M. Cloudy & squally. Passing rain. Moderate to light breeze from N by W and N by E. But falling to smooth. At 2 took in and furled T.G. sails. Heavily 2s.

Saml C. Lemly
Ensign

From 4 to 8 A.M. Cloudy. Cool. Moderate N.W. by W breeze. Shifting to N.N.W. and blowing in gusts. Cumulus clouds. Light passing showers. Ship under single reefed topsails and main sail. Furled jib and fore topsail. Steered. Sprinkler. Pulled by Heavily 2s.

C. B. T. Moore
Ensign

From 8 A.M. to Noon. Cloudy. Cool. Pleasant. Moderate to fresh. Blowing in squalls from N.N.W. shifting to W by N. At 8.30 took up topsails set T.G. sails and goose topsails. At 9.15 inspected at quarters. At 9.40 tacked ship. To S.E. and E.S.E. Pulled and by Spirit tuck.

Wm L Mills
Master

From Noon to 4 P.M. Clear and pleasant. Moderate to fresh breeze from N by W to W.N.W. Part steady last two hours of watch. Fair moderate. At 1.30 crossed sky sails and at 2 sky sails. Close hauled port tacks under all plain sail. Heavily 2s.

C. K. Loury Jr.
Lieut

From 4 to 8 P.M. Clear and pleasant. Moderate breeze from W.N.W to N.W. Part steering due smooth. Ship under all plain sail except flying jib. Heavily 2s.

L. F. Jarrett
Master

From 8 to 8 P.M. Clear. Cool. Moderate breeze from N.W. At 6. Took in sky sails. Took reef in topsails. At sunset mustered at quarters. At 7. To work ship to S.E. and E.S.E. Moderate sea. Part cloudy. Heavily 2s.

Saml C. Lemly
Ensign

From 8 P.M. to Mid. Cloudy and squally. Passing showers. Wind moderate from N.W. with frequent squalls. At 9. To took in T.G. sails. At 11.30 took in main sail and sprinkler. Part steady. Sea moderate. Steered by Heavily 2s.

C. B. T. Moore
Ensign

Moon's phase 25 gr dec. N. 3°

Examined and found to be correct.

R. A. Walker
Lt.

Navigator.

LOG of the UNITED STATES Steamer Eagle, 3 Rate, 6 Guns,

Making passage from Cape Town South Africa to St Helena Island

Hour.	Knots.	Tenths Fathoms	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	2	6			5.7		29.85	65	59	59	63	bcq.	Cum Strat	5	M	Steamed close reefed jib boom
2	2	2			4.3		29.85	63	59	59	63	"	"	8	"	in spanker set mizen sail
3	3	2			4.6		29.83	63	59	59	62	"	"	9	"	and spanker
4	3	6			4.6		29.83	63	59	59	62	"	"	8	"	
5	3	2			4.5		29.85	63	57	56	62	"	"	7	"	double reefed topsails
6	3	2			4.8		29.85	63	57	58	62	bcq	"	2	"	single reefed foresail
7	4	6		"	4.7		29.88	63	58	56	62	"	"	3	"	
8	4	5		"	4.6		29.92	62	59	57	62	"	"	4	"	
9	4	6			4.5		29.93	62	59	57	62	bcq	"	7	"	Set mizen gaff sheet
10	3	0		"	3.4		29.95	62	59	57	63	bc	"	7	"	one reef out topsails set
11	3	6		"	4.5		29.97	62	60	58	63	"	"	7	"	jib and spanker sheets
Noon.	3	0			6		29.97	62	60	58	63	"	"	7	"	reef out topsails set
																Steered and gaff topsails

Distance run by Log since preceding Noon	86	knots 8	tenths fathoms.
Latitude by D. R. at Noon	S. 30	° 57'	30"
Longitude by D. R. at Noon	E 13	° 33'	"
Latitude by Observation at Noon ⊙	S 30	° 45'	48"
Longitude by Chronometer from Forenoon Observations ⊙	E 13	° 34	"
Sq. 1384 Current during the time 0 knots 5 tenths fms. per hour setting to the	N.		
Variation of the Compass by Amplitude ⊙ observed at Sunrise		°	' "
Variation of the Compass by Azimuth ⊙ observed at 8 AM. at. 31° 2' S. Long. 13 39 E.	W. 29	° 43'	"
Water expended during the preceding 24 hours	250	gallons.	
Water during the preceding 24 hours			"
Water remaining on hand fit for use at Noon	21 0	"	
Coal consumed during the preceding 24 hours	tons		lbs.
Coal remaining on hand at Noon	"		"

P. M.															
1	6	0		N.W.	5.6	29.98	62	61	58	63	bcq	"	6	A	Steamed jib boom to 2 Jib sails
2	6	2			5.6	29.99	63	62	59	64	"	"	7	"	
3	6	6			5	30.00	63	63	60	64	"	"	8	"	
4	5	5			5	30.00	64	63	59	64	"	"	7	"	Same.
5	5	2			5	30.02	64	61	59	63	"	"	7	"	
6	4	6			4	30.02	64	61	58	63	bcqp	"	7	"	
7	4	2			4	30.07	64	59	58	63	"	"	6	"	Same except gaff topsail
8	4	5			4	30.08	64	59	58	63	"	"	5	"	
9	5	0			4	30.08	64	59	58	63	bc	"	7	"	
10	4	8			4	30.10	64	59	58	63	"	"	7	"	
11	4	0			3.8	30.10	63	59	58	63	"	"	4	"	Took jib boom and 2 Jib sails
Mid.	3	6			3.4	30.10	63	59	58	63	bcqp	"	4	"	

8 30° 8' E 13° 11"

S 30° E 13°

Longitude by Chronometer from Afternoon Observations ⊙		°	' "
Longitude by Chronometer from Observations *		°	' "
Variation of the Compass by Amplitude ⊙ observed at Sunset		°	' "
Variation of the Compass by at		°	' "

under the command of Comdr W. Dolt Selfridge, U. S. Navy,

Wednesday Nov 6th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 A.M. Clear and pleasant Generally Moderate to very fresh breeze from N.W. by N. to N.N.W. by N. Bar falling slowly At 2 hauled down jib took in spanker At 2.30 passed a full rigged ship on port tack At 2.40 set mainsail and jib and spanker At 2.45 Wore ship to and E. Main rose at 2.45 Eighteen in horizon to S.E. Pm moderate Dmostly Cy.

C. S. Bruns
Midn

From 4 to 8 AM Cloudy Generally Pleasant rain Moderate to very fresh breeze from N.W. Bar rising Dm moderate At 5.30 carried away weather main topsail sheet clued down & split sails and took in spanker clew of main topsail rove off main topsail sheet took double reef in topsails and single reef in foresail Took in main sail and spanker hauled down jib Watch unsettled Mostly Cy

C. K. Curtis
Lieut

From 8 AM to Noon Clear Cool Moderate to fresh breeze from N.W. Comm Winds cloudy At 8.15 set main sail shook one reef out topsails set jib and spanker At 9.30 inspected at quarters At 10 shook reefs out topsails and foresail set D Sails and gaff topsail Exchanged colors with a full rigged English ship standing to N.E.

L. S. Jarvis
Master

From Noon to 4 PM. Clear and pleasant Diff to very fresh breeze from N.W. by W. Dm moderate Full and by on port tack Exchanged colors with an English ship from Bengal to St Helena Her dying passenger Miss J. D. S. H. Gave for her longitude At end of watch she bore broad off the quarter distant 4 miles Obj Traverse E.

Lawr. Frailey
Ensign

From 4 to 6 PM. Clear and pleasant Diff to moderate breeze from N.W. by W. to W.N.W. Dm moderate Bar steady Ship full and by on port tack Under all plain sail to D Sails Came sail in eight on Lee Gangway Mostly Cy

C. B. T. Moore
Ensign

From 6 to 8 PM Cloudy Pleasant Moderate breeze from N.W. Bar rising Long swell from N.W. At sunset furled sails at quarters Mostly Cy. Took in gaff topsail

C. S. Bruns
Midn

From 8 P.M. to Midn Clear. Cool. Bright moonlight Moderate S.W. by W. breeze until 11.40 wind came from W.S.W. At 11.40 took in D sails and spanker Ship on course N. by W. At end of watch Mostly Cy and water Cy.

C. K. Curtis
Lieut

Moon's phase 2d 9h. Dec. N. 8°

Examined and found to be correct.

Asa Walker.
Lieut.

Navigator.

LOG of the UNITED STATES Steamer Essex, 3 Rate, 8 Guns,

Making passage from Cape Town to St Helena Island

Hour.	Knots.	Tenths ~~Fathoms~~	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	3	4	SW by W	W by S	4		30.10	63	60	58	63	Fc	Cel Cumu	2	D	Set T G sails and
2	4	0	WSW	W	4		30.09	63	62	59	63	"	"	2	"	employed Tacks &c
3	3	5	W by S		3		30.09	62	61	59	63	"	"	2	"	T G sails and Sprit
4	2	6	"	W by S.	2		30.09	62	60	58	63	"	"	2	"	set T G sails & Sprit
5	3		"	"	3		30.09	62	60	58	63	"	"	3	"	
6	2	5	"	W by S	1		30.09	62	60	58	63	"	"	1	"	All plain sails
7	1	6	"	SSW	1		30.11	62	60	58	63	"	"	7	"	to royals except
8	1	0	"	"	1		30.12	62	61	59	63	"	"	7	"	T sail and Sprit
9		5	"	SSE	1		~~30.13~~	63	62	60	63	"	"	8	"	sail
10		5	"	"	0 1		30.13	63	63	62	63	"	"	7	"	Same except
11	1	2	"	"	1		30.13	64	65	63	64	"	"	8	"	mizen sail and Sprit
Noon.		0	"	"	1		30.13	64	67	63	64	"	"	8	"	

Distance run by Log since preceding Noon .83 knots 2 ~~fathoms~~ tenths

Latitude by D. R. at Noon S 29 ° 36 ' "

Longitude by D. R. at Noon E 12 ° 48 ' "

Latitude by Observation at Noon ⊙ S 29 ° 20 ' 30 "

Longitude by Chronometer from Forenoon Observations ⊙ E 12 ° 59 ' "

Sq. 1357 Current during the time 0 knots 8 ~~fms.~~ tenths per hour setting to the NNE 3/4 E

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at 8 A.M. Lat. S 29° 24' Long. E 13° 2' W. 28 ° 35 "

Water expended during the preceding 24 hours 250 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 1850 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

Hour.	Knots.	Tenths	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
P. M.																Furled clew Jibs
1	D		No Steerage Way	Calm	0		30.11	65	68	66	64	"	"	7	D	T G Sails
2	Lying			"	0		30.11	66	67	66	64	"	"	7	"	
3				"	0		30.10	66	67	65	64	"	"	7	"	Set T G sails mizen sail &
4	1	8	NW by N	W by N	2		30.10	66	65	63	64	"	"	8	"	Spanker to assist
5	2	5	"	"	1-2		30.08	66	65	62	65	"	"	9	"	
6	2	5	"	"	1-2		30.09	66	63	61	65	"	"	9	"	Same
7	3	8	"	W by S.	3		30.10	66	62	60	65	"	"	9	"	
8	4	5	"	"	3		30.10	66	61	60	65	"	"	9	"	
9	4	5	NW by W 1/2 W	W by W	4		30.13	66	61	60	65	"	"	9	"	
10	4	8	"	"	4		30.14	66	60	59	65	"	"	9	"	
11	5	2	"	"	4		30.14	65	60	59	65	"	"	9	"	
Mid.	5	4	"	"	4		30.14	65	60	59	65	"	"	9	"	Same

8 29° 13'
E 12° 45'

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Comdr W. D. Whiting. , U. S. Navy,

Thursday Oct 7th , 1858.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Cloudy and cool Moonlight Moderate to light breeze from N and N by E At 12.30 pct Dd sunk and sprunker At 2.35 took them in tow at 3.45 cast them off Moon set at 3.30 Lea moderate Hydrometer 26.

L. P. Jarrett
Master

From 4 to 8 AM. Cloudy and pleasant Light airs from N by E shifting during watch to E and N. Barometer slowly rising At daylight begin to fall regd sail on lee quarter Unbent 8 sails At 7.30 crossed royal yards and set royals At 7.45 passed a sprunker Distant 2 Miles, well from N to N.

Saml Smyth
Ensign

From 8 AM to Noon Clear and pleasant Light airs from E to E. Barometer steady Long swell from E and SE Ship rolling deeply at times At 8.15 took in mainsail and sprunker At 9.15 mustered at quarters Exercised at single sticks At 11.45 Chronometers compared to Noon by Lea Diurnal error

L. B. J. Moore
Ensign

From Noon to P.M. Clear Warm Calm until 3 when light breeze springing up from N to N. At 1 hauled down jib and T.G.M. staysail At 3 braced up and set mainsail spanker and gaff topsail On course Diurnal 2. Ship rolling through an angle of 15° Hauled all from E to

E. A. Bruns
Midn

4 to 6 PM. Clear and pleasant Light breeze from N.E. to N. Long swell from E and N E Ship rolling moderately On course N by E by Hydrometer 26.

L. K. Leavitt
Lieut

6 to 8 PM. Clear and pleasant Gentle breeze from N by E. Barometer steady during watch Long swell from N. At 6.40 mustered at quarters Ship on course under all plain sail Lights in sight on lee quarter Diurnal 16.

L. P. Jarrett
Master

From 8 PM. to Midn Clear and pleasant Moderate breeze from N by W. Barometer Long swell from E At 8 changed course to N by W Diurnal 16

Saml Smyth
Ensign

Moon's phase 2d qr. Dec N. 13°

Examined and found to be correct.

Asa Walker,
Lieut.

Navigator.

LOG of the UNITED STATES Steamer Esk, 3 Rate, 6 Guns,

Making passage from Cape Town South Africa to St Helena

Hour.	Knots.	Tenths Fathoms	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																Under
1	8	7	NNW½W	WbN	4-5		30.15	64	60	59	63	Fd	Cr Cumi	4	S.	Steam all plants
2	3	2	"	"	4-5		30.10	64	60	59	63	"	"	3	"	Sails low in
3	3	0	"	"	4-5		30.10	64	61	60	63	"	"	7	"	royals
4	5	0	"	"	4		30.09	64	61	60	63	"	"	8	"	
5	4	2	"	"	4		30.09	64	61	60	63	"	"	8	"	Set royals
6	4	0	"	NbW	3		30.10	64	62	60	64	"	"	8	"	
7	3	0	"	"	3		30.10	64	62	60	64	"	"	7	"	
8	2	2	"	"	2		30.09	64	63	61	64	"	"	3	"	Loosed all plains
9	1	4	"	"	1		30.14	64	63	61	64	"	"	4	"	sails except fore
10	2	2	"	"	2		30.14	64	64	62	64	"	"	1	"	
11	2	0	"	NbW	2		30.15	64	64	62	64	"	"	1	"	
Noon.	2	5	"	"	1		30.15	64	65	63	64	"	"	1	"	All plain sails

Distance run by Log since preceding Noon	78 knots	7 tenths	fathoms.
Latitude by D. R. at Noon	S	28 ° 38 ′	"
Longitude by D. R. at Noon	E	12 ° 43 ′	"
Latitude by Observation at Noon ⊙	S	28 ° 28 ′ 30	"
Longitude by Chronometer from Forenoon Observations ⊙	E	11 ° 47 ′ 30	"
Current during the time 0 knots 5 tenths fms. per hour setting to the N.N.E.			
Sg. 1357 Variation of the Compass by Amplitude ⊙ observed at Sunrise		° ′	"
Variation of the Compass by Azimuth ⊙ observed at 8 A.M. Lat. 28° 35' S Long. 11° 56' E	W	28 ° 35 ′	"
Water expended during the preceding 24 hours		200	gallons.
Water during the preceding 24 hours			"
Water remaining on hand fit for use at Noon		1550	"
Coal consumed during the preceding 24 hours		tons	lbs.
Coal remaining on hand at Noon		"	"

P. M.															
1	2	8	NNW½W	NbW	2	30.15	66	65	63	64	Fd	Cr Cumi	4	S.	
2	2	0	"	"	2	30.13	66	65	64	64	"	"	6	"	
3	3	4	"	"	3.4	30.12	66	65	65	65	"	"	6	"	
4	4	5	"	"	4	30.12	66	67	65	65	"	"	6	"	
5	6	0	"	"	4	30.13	66	65	64	64	"	"	4	"	
6	6	2	"	"	5.1	30.15	66	64	63	64	"	"	6	"	
7	6	8	"	NbW by W	5.1	30.15	66	63	63	64	"	"	8	"	
8	6	2	"	NbW	5.1	30.15	66	63	63	64	"	"	8	"	
9	6	4	"	"	5.1	30.18	66	63	62	64	"	"	5.1	"	
10	7	3	"	"	5.6	30.18	66	62	61	64	"	"	1	"	
11	7	5	"	"	5.6	30.18	66	63	61	64	"	"	1	"	
Mid.	7	6	"	"	6	30.18	66	62	61	64	"	"	4	"	

S 28° 7'
E 11° 12'

Longitude by Chronometer from Afternoon Observations ⊙		° ′	"
Longitude by Chronometer from Observations *		° ′	"
Variation of the Compass by Amplitude ⊙ observed at Sunset		° ′	"
Variation of the Compass by at		° ′	"

under the command of Commander W. Scott Selfridge, U. S. Navy,

Friday October 8th, 1875.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and middle AM Cloudy first part clear latter part & calm Moderate W & W breeze At 1.00 Took in and furled royals & hauled down flying jib Bright moonlight At 8 Moon set Ship course Variable

E. B. F. Moore
Ensign

From 8 to 12 M Clear and pleasant Moderate breeze from W to W shifting to S W. and falling light latter part Made Edgewell from S W Distance 24

E. L. Brand
Master

From 12 M. to Midn Cloudy and pleasant Light and variable breeze from S W and W to W Barometer steady At 9 25 exercised at fire quarters Two thirds of 1st part of 1st 2nd 2nd part of 2nd Secured in one minute One third or eight or less quarter Variable 2.

E. K. Lewis
Lieut

From Midn to 4 P.M. Clear Pleasant Moderate breeze from W to W Barometer falling slowly Ship smooth. Ship under all plain sail Variable 2. One reef in eight

E. P. Jarrett
Master

4 to 8 P.M. Cloudy Load Moderate W & W breeze Set down clouds and squalls Ship under all plain sail & Two reefs in eight at end of Watch Passed schooner 3 pts abaft beam and English ship broad off abaft quarter On course Variable 2

Saml Lindsey
Captain

From 8 to 12 P.M. Clear and pleasant Light breeze from W to W by N Ship under all plain sail On course W by N & W At 6 25 hauled down flying jib At 6 30 mustered at quarters Hydrometer 26

E. B. F. Moore
Ensign

From 8 P.M. to Midn Cloudy and pleasant Light baffling breeze from W Bar steady. Set moderate Light and steady to W by S At 9 took in gaff topsail At 10 took in royals Variable 2.

E. L. Brand
Master

Moon's phase 2d 9h Dec. N. 11°

Examined and found to be correct.

Asa Walker,
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex , 3 Rate, 6 Guns,

Making passage from Cape Town to St Helena Island

Hour.	Knots.	Tenths Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	8	0	NNW 1/2 W.	SW by S.	5.6		30.18	64	61	60	65	b	Cu/Cum	3	M	All plain sails to
2	7	5	"	SSW.	4.6		30.18	64	61	59	65	"	"	2	"	top gallant sails
3	9	4	"	"	6		30.18	64	60	59	65	"	"	1	"	
#1	7	5	"	"	4.5		30.18	64	60	59	65	0	Cum Strat	0	"	
5	7	6	"	"	5.6		30.19	63	61	59	65	0	"	0	"	
6	8	5	"	"	6		30.20	63	61	59	65	"	"	0	"	
7	8	2	"	"	6		30.22	63	61	59	65	"	"	0	"	Set royals
#8	8	0	"	SW by W	6		30.24	63	61	59	65	"	"	0	"	
9	7	5	"	"	5.6		30.25	63	62	60	64	"	"	0	"	Set night T Mclayer look ins spunker sails
10	7		"	SW	6		30.25	63	62	61	64	"	"	0	"	Flying jib
11	7		"	"	6		30.25	63	63	61	64	b	"	2	"	
Noon.	6	5	"	"	5		30.25	63	63	61	64	"	"	3	"	

S 27° 15' E 10°

S 26° 57' E 9° 31'

Distance run by Log since preceding Noon	159	knots	4 tenths fathoms.
Latitude by D. R. at Noon	S 26°	59'	45"
Longitude by D. R. at Noon	E 9°	19'	"
Latitude by Observation at Noon ⊙	S 26°	44'	15"
Longitude by Chronometer from Forenoon Observations ⊙	E 9°	12'	20"
Current during the time 0 knots 7 tenths fms. per hour setting to the	N.N.W.		
Variation of the Compass by Amplitude ⊙ observed at Sunrise	°	'	"
Variation of the Compass by Azimuth ⊙ observed at	°	'	"
Water expended during the preceding 24 hours	300	gallons.	
Water during the preceding 24 hours		"	
Water remaining on hand fit for use at Noon	1260	"	
Coal consumed during the preceding 24 hours	tons		lbs.
Coal remaining on hand at Noon	"		"

P. M.															
1	6	4	ASW 1/2 W.	S	6	30.25	64	64	62	64	0	Cum Strat	0	M	All plain sails
2	8	0	"	"	6	30.25	64	64	62	64	0	"	1	"	set
3	7	0	"	"	6	30.24	64	64	62	65	"	"	4	"	
4	7	0	"	"	6	30.22	64	64	62	65	"	"	6	"	Same
5	6	0	"	"	4.5	30.20	64	63	62	65	"	"	3	"	
6	6	4	"	"	4.5	30.20	65	62	61	65	"	"	2	"	Same
7	7	2	"	"	5.1	30.20	65	62	60	64	"	"	2	"	
#8	6	5	"	"	5.1	30.20	63	62	60	64	"	"	3	"	
9	7	2	"	"	6	30.25	65	62	60	64	"	"	3	"	Set main lo sails
10	8	4	"	"	6	30.25	64	62	60	64	"	"	2	"	Courses jib
11	9	0	"	"	6	30.25	64	62	60	64	"	"	1	"	
Mid.	9		"	"	6	30.25	63	61	59	64	1	"	3		

S. 26° 4' E. 8° 23'

Longitude by Chronometer from Afternoon Observations ⊙	°	'	"
Longitude by Chronometer from Observations *	°	'	"
Variation of the Compass by Amplitude ⊙ observed at Sunset	°	'	"
Variation of the Compass by Azimuth at 4 P.M. Lat. S. 26° 27' Lng. E. 8° 43'	W. 27°	40'	"

under the command of Comdr W. Scott Dickey, U. S. Navy,

Saturday November 2d, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and ~~unfa~~ At M. Cloudy Pleasant Moderate to fresh breeze from ~~N~~ Nly and ~~at~~ At 1 P.M. Barometer rising Ran moderate sailing to ~~2~~ and ~~3~~ Quarter 24

C. K. Longstreet
Lieut

From ~~to~~ to At M. Overcast Cloudy Fresh ~~at~~ breeze from Nly Ran ~~first~~ double ~~At~~ but at noon ~~Ship~~ on course Barometer rising Quarter 24

L. P. Jewett
Master

From ~~8~~ At M. to ~~Meridian~~ Overcast First two hours Cloudy last two ~~Stiff~~ to fresh breeze from Nly ~~Wind~~ and ~~Cloudy~~ Ran moderate At 8 ~~o~~ took in ~~Reefs~~ Mainsail At 9.25 Took in ~~Reefs~~ Foretopsail At 9.30 hauled down ~~Jib~~ Pilot ~~Cloudy~~ Seaman Donahoe 1st ~~Class~~ and Andrew Wm Reward ~~Ord~~ 2d ~~Class~~ were given shore liberty ~~duty~~ for ~~Working~~ on ~~Port~~ deck watch Quarter 24

Lewis Landy
Ensign

From Meridian to P.M. Cloudy and Pleasant Fresh breeze from Nly Barometer falling slowly. Ran moderate Ship under all ~~Square~~ sail Quarter 24

C. B. T. Moore
Ensign

From ~~to~~ to P.M. Cloudy Pleasant Moderate to stiff breeze from Nly Barometer ~~rising~~ falling Ship under all plain sail At 10 at 3/4 Quarter 24

C. C. Carter
Master

From to ~~to~~ P.M. Cloudy Pleasant Stiff ~~to~~ breeze from Nly ~~Wind~~ clouds At sunset mustered at quarters Ship under plain sail to royals except Spanker Gaff Topsail for ~~Sunset~~ steering sails and ~~Ensign~~ at 3/4 ~~Ensign~~ Quarter 24.

C. K. Longstreet
Lieut

From 8 P.M. to Midnight Cloudy Squally Pleasant Fresh breeze from Nly At 11 ~~o~~ took in royals On course. Quarter 24

L. P. Jewett
Master

Moon's phase 2d qr Dec N. 21°

Examined and found to be correct.

Asa Walker,
Lieut.

Navigator.

LOG of the UNITED STATES Steamer Essex, 3 Rate, 6 Guns,

Making passage from Egypt Bay to St Vincent Island

Hour.	Knots.	Tenths Fathoms	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	8	0	NNW½W	S by E	6.7		30 20	63	61	59	65	b	Cr Cumi	6	M	All plain sail
2	8	5	"	"	7		30 18	63	61	59	64	"	"	4		Lt Airs
3	9	0	"	"	7		30 17	63	61	59	64	"	"	1		
4	8	6	"	"	7		30 17	63	61	59	64	"	"	1		
5	7	6	"	"	5.6		30 17	63	62	60	64	"	"	1		All plain sail
6	7	6	"	"	6		30 18	63	62	60	64	"	"	1		
7	8	6	"	"	6		30 19	63	62	60	64	"	"	1		
8	8	6	"	"	6.7		30 22	63	62	60	64	"	"	1		Hauled up N clear sails
9	8	6	"	"	6.7		30 21	63	63	62	64	"	"	1		
*10	7	6	"	S by E	6.7		30 20	64	64	63	64	"	"	3		Steered up more as required clewed up fore royal
11	7	8	"	"	6.7		30 20	64	65	64	65	"	"	4		
Noon.	8	9	"	"	6.7		30 20	65	65	64	65	"	"	4		

S 25° 26° 10'

Distance run by Log since preceding Noon	185 knots	7	tenths ~~fathoms~~.
Latitude by D. R. at Noon	S 25 °	1 '	"
Longitude by D. R. at Noon	E 6 °	20 '	30 "
Latitude by Observation at Noon ⊙	S 24 °	50 '	15 "
Longitude by Chronometer from Forenoon Observations ⊙	E. 5 °	56 '	"
Current during the time 1 knots 0 ~~fms.~~ per hour setting to the	W.NW.		
Sq. 1329 Variation of the Compass by Amplitude ⊙ observed at Sunrise	°	'	"
Variation of the Compass by Azimuth ⊙ observed at	°	'	"
Water expended during the preceding 24 hours	250 gallons.		
Water during the preceding 24 hours	"		
Water remaining on hand fit for use at Noon	1000 "		
Coal consumed during the preceding 24 hours	tons		lbs.
Coal remaining on hand at Noon	"		"

P. M.													
1	2 0 / 5 0	NNW½W / NNW	S. by E	5.6	30.19	66	67	66	65	b	Cr Cumi	1	M	All plain square sail up aloft
2	6 5	"	"	5.6	30.19	66	67	66	65	"	"	1	"	"
3	6 0	"	"	4.6	30.15	67	67	65	65	0	"	0	"	
4	6 0	"	"	4.6	30.15	66	66	65	65	"	"	0	"	Same
5	6 0	"	"	5.6	30.18	66	65	64	65	"	"	0	"	
6	6 0	"	"	5	30.18	66	65	64	65	b	"	4	"	
7	6 6	"	"	4.5	30.15	66	64	63	65	"	"	2	"	
*8	7 0	"	"	4.5	30.18	66	63	62	65	"	"	2	"	Same
9	6 5	"	"	5	30 18	66	63	62	65	"	"	2	"	
*10	6 5	"	"	5.1	30 18	66	63	62	65	"	"	4	"	
11	6 7	"	"	5.1	30 18	66	63	62	65	"	"	3	"	All plain square sail
Mid.	6 7	"	"	5.1	30 16	66	63	62	65	"	"	4	"	Same

S 24° 18' E 5° 13'

S 24° 1' W 5° 0' — Sq. 1329

Longitude by Chronometer from Afternoon Observations ⊙	°	'	"
Longitude by Chronometer from Observations *	°	'	"
Variation of the Compass by Amplitude ⊙ observed at Sunset	°	'	"
Variation of the Compass by Azimuth at 4 P.M. Lat. S. 24° 33', Lng. E. 5° 36'	W 27 °	45 '	"

under the command of Comdr C. H. Scott Schley, U. S. Navy,

Sunday Nov 10th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and ends Cloudy and cool Fresh to very fresh breeze from Aby & Bar. falling slowly. Sea moderate Easy swell from S.E. Ship rolling considerably at times Heavily Sea water 76

Sam. Smith
Ensign

From 4 to 8 A.M. Cloudy. Pleasant. Fresh breeze from Aby & Bar rising Moderate sea setting to S.E. All sail set royals & jib Heavily, sea water 76.

C. B. T. Moore
Ensign

From 8 A.M. to Meridian Cloudy. Pleasant. Fresh to very fresh breeze from S.S.E. At 11.45 hauled up mainsail and hauled down jib At 11.55 cleared down for royal to reef & return on said Ship under all plain sail except mainsail and fore royal D.R. course Moderate sea from S.E. Ship rolling deeply at times Heavily.

Ed Brown
Midn

Meridian to 4 P.M. Cloudy and pleasant Fresh breeze from S.S.E. Bar slowly last two hours At 2 hauled course to S.S.W. Moderate sea Heavy sea water 76 At fore royal

C. K. Curtis
Lieut

From 4 to 8 P.M. Cloudy and pleasant Stiff breeze from S.S.E. Sea moderate Easy swell from S.E. Ship under all plain sail except mainsail D.R. course Cleared down fore royal set up royal backstays Heavily.

L. P. Jewett.
Master

From 8 to 8 P.M. Cloudy and pleasant Moderate to stiff breeze from S.S.E. Bar rising Easy swell Rolling to S.E. and W. Moor'd at 7.20 Heavily

Sam. Smith
Ensign

From 8 P.M. to Mid. Cloudy Obscured occasionally by fair squalls At 10 hauled to the wind on port tack Set jib Furled fore royal and D.R. At 10.30 set fore royal & sail Easy swell from S.E. and E. Ship rolling deeply at times under all plain sail D.R. course Heavily

C. B. T. Moore
Ensign

Moon's phase 3rd qr, dec N. 24°

Examined and found to be correct.

Asa Walker
Lieut

Navigator.

LOG of the UNITED STATES Steamer Egeria, 3 Rate, 6 Guns,

Making passage from Cape Town to St Helena Island.

Hour.	Knots.	Tenths	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	6	4	NNW	SSE	5		30.15	65	63	63	65	b	Cir Cum	6	L	All sail set
2	7	4	"	"	5		30.13	65	63	63	65	"	"	4	"	except studdn sails
3	7	2	"	"	5		30.12	65	62	62	65	"	"	5	"	
4	7	4	"	"	5		30.12	65	62	62	65	"	"	4	"	
5	7	2	"	"	5		30.12	65	62	62	65	"	"	1	"	
6	7	2	"	"	5		30.12	65	62	62	65	"	"	1	"	Same
7	6	6	"	"	5		30.14	65	63	62	66	"	"	1	"	
8	7	0	"	"	5		30.15	65	64	63	66	"	"	1	"	
9	7	5	"	"	5		30.15	65	65	64	66	"	"	1	M	
10	7	5	"	"	5		30.15	65	65	64	66	"	"	1	"	Same.
11	7	0	"	"	5		30.16	65	67	65	66	"	"	1	"	
Noon.	7	0	"	"	5		30.16	66	68	66	66	"	"	1	"	

Distance run by Log since preceding Noon 163 knots 0 tenths ~~furlongs.~~

Latitude by D. R. at Noon S. 23 ° 7 ' "

Longitude by D. R. at Noon E. 3 ° 38 ' "

Latitude by Observation at Noon ⊙ S. 23 ° 7 ' 25 "

Longitude by Chronometer from Forenoon Observations ⊙ E. 3 ° 25 ' "

Current during the time 0 knots 5 tenths ~~furs.~~ per hour setting to the West.

Sq. 1328 Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at 8 AM. Lat 23°27'S. Long 3°51'E. W 27 ° 5 ' "

Water expended during the preceding 24 hours 250 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 750 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.															
1	5	2	NNW	SSE	5	30.13	67	68	67	66	b	Cir Cum	2	L	All sail set except studdn sails
2	5	8	"	SE	4	30.13	67	68	67	66	"	"	3	"	
3	5	5	NbyW	NbyW	4	30.13	67	69	68	66	"	"	4	"	
4	4	8	"	SSE	4	30.12	67	69	68	66	"	"	4	"	
5	4	5	"	"	3-4	30.11	67	68	67	66	"	"	2	"	
6	5	7	"	"	3-4	30.11	68	66	65	66	"	"	1	"	Same.
7	6	2	"	SbyE	4	30.11	68	65	64	66	"	"	2	"	
8	5	5	"	"	4	30.12	68	65	64	66	"	"	4	"	
9	6	5	"	SSE	4	30.13	68	65	64	66	"	"	4	"	
10	6	5	"	"	4	30.15	67	65	64	66	"	"	6	"	
11	6	5	"	"	4	30.15	67	65	64	66	"	"	4	"	Same
Mid.	6	5	"	"	4	30.15	67	64	63	66	"	"	4	"	

S. 22°39' E. 2°50'

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Comdr W. Scott Schley, U. S. Navy,

Monday November 11th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and ended P.M. Cloudy. Pleasant. Stiff breeze from S.E. Hazy all from 1st Rolling. Employed ship on cruise & at Sea. Sunset 26.

C. K. Curtis
Lieut

From 4 to 8 A.M. Cloudy and pleasant stiff breeze from S.E. Barometer rising Sea moderate Lay heavy sail from S.E. Ship rolling deeply at times At 5 started fires in two boilers Sunset 26.

L. P. Jarrett
Master

From 8 A.M. to Meridian Cloudy Pleasant. Stiff breeze from S.E. Barometer rising slowly Sea moderate Employed as requisite, sail from 1st and 2d Watches Sunset 26 Steam in two boilers

Jno. C. Pryor
Ensign

From Meridian to 8 P.M. Cloudy Warm. Moderate & E breeze Barometer falling slowly. By order of Comdr the following men were rated to fill existing vacancies Jno. Maguire Ord. Sea. to A. B. Jas. Johnson Ord. Sea. to Ord. Wm. H. Kelley Ord. Sea. to Seaman Sun well from S.E. At 2 changed course to Hoy Head. Fires banked in two boilers Distilling. Sunset 26.

C. B. T. Moore
Ensign

From 4 to 8 P.M. Cloudy and pleasant Gentle to moderate breeze from S.E. Lay sail from 1st and 2d Watches Fires banked in two boilers. Distilling. Sunset 26.

C. K. Curtis
Lieut

From 8 to 8 P.M. Cloudy and pleasant Moderate breeze from S by E. Barometer rising slowly. Sea moderate Fires banked in two boilers. Distilling. Sunset 26 Water 24

L. P. Jarrett
Master

From 8 P.M. to Midnight Partially cloudy. Pleasant Barometer rising slowly Moderate breeze from S.E. Sea moderate rolling heavily Set Trysail at 9 Struck Trysail & Set Reefed Foresail at 9.05 Fires banked in two boilers. Distilling. Sunset Sea water 24

Jno. C. Pryor
Ensign

Moon's phase 3d qr Dec. N. 26.

Examined and found to be correct.

Asa Walker
Lieut

Navigator.

LOG of the UNITED STATES Steamer Egeria, 3 Rate, 6 Guns,

Making passage from Cape Town South Africa to St Helena Island.

Hour.	Knots.	Tenths Fathoms	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	6	4	N by W ½ W.	S. S. E.	6		30.11	66	64	63	66	b	Ar Cum	4	S	All square sails
2	7	4	"	"	6		30.10	66	64	63	66	"	"	01	"	except mainsail
3	7	6	"	"	6		30.08	66	64	63	66	"	"	6	"	
4	7	6	"	"	6		30.08	66	64	63	66	"	"	4	"	
5	7	5	"	"	5		30.08	66	64	63	66	"	"	5	"	
6	6	5		"	4-5		30.10	66	64	63	66	"	"	5	"	
7	5	0	"	"	3-4		30.14	66	64	64	66	"	"	5	"	hoisted jib & mainsail clewed jib
8	4	4	"	"	3-4		30.15	66	64	64	66	"	"	2	"	
9	4	4	"	S E	3-4		30.15	66	66	64	66	0	"	0	"	
10	4	6	"	"	4		30.15	66	66	66	67	"	"	0	"	All plain sail & mainsail
11	4	8	"	S S E	4		30.15	67	67	66	67	"	"	0	"	except mainsail
Noon.	4	5	"	"	3		30.15	67	67	66	67	"		0	"	

Distance run by Log since preceding Noon	138	knots 4	tenths ~~fathoms.~~
Latitude by D. R. at Noon	S 21	° 35'	"
Longitude by D. R. at Noon	E 1	° 34'	"
Latitude by Observation at Noon ⊙	S 21	° 32' 44"	
Longitude by Chronometer from Forenoon Observations ⊙	E 1	° 35'	"
Current during the time knots fms. per hour setting to the			
Sq 1328. Variation of the Compass by Amplitude ⊙ observed at Sunrise		°	' "
Variation of the Compass by Azimuth ⊙ observed at 8 20 AM dat 21°44'S dng 1°48'E.	W. 27	° 15'	"
Water expended during the preceding 24 hours	350	gallons.	
Water Condensed during the preceding 24 hours	701	"	
Water remaining on hand fit for use at Noon	1100	"	
Coal consumed during the preceding 24 hours	tons	lbs.	
Coal remaining on hand at Noon	"	"	

P. M.															
1	5	5	N by W ½ W.	S S E	5	30.13	68	70	68	67	0	Cir Cum	0	M	
2	4	0	"	"	3-4	30.12	68	70	68	68	b	"	1	"	
3	4	5	"	"	3-4	30.11	68	69	67	68	"	"	1	"	
4	5	6	"	"	4	30.10	68	68	66	68	"	"	1	"	
5	5	4	"	S	4	30.10	68	68	66	68	"	"	2	"	Set jib
6	5	4	"	"	4	30.10	68	67	65	68	"	"	2	"	
7	5	0	"	S S W	4	30.09	68	66	65	66	"	"	1	"	
8	5	6	"	S W	4	30.12	68	66	65	66	"	"	2	"	set topmast
9	6	6	"	"	4-5	30.12	68	65	64	66	0	"	0	"	
10	6	5	"	S S W	5	30.12	68	65	64	66	"	"	0	"	All plain sail &
11	6	5	"	"	5	30.12	68	65	64	66	"	"	0	"	reefs mainsail
Mid.	6	0	"	S.	5	30.12	68	65	64	66	"	"	0	"	& jib

8.20 9'
E. 10 3'

Longitude by Chronometer from Afternoon Observations ⊙		°	' "
Longitude by Chronometer from Observations *		°	' "
Variation of the Compass by Amplitude ⊙ observed at Sunset		°	' "
Variation of the Compass by at		°	' "

under the command of Comdr W. Scott Schley, U. S. Navy,

Tuesday September 12th, 1899.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy Cool Fresh S.E. breeze Sar Cum clouds Bright moonlight Long swell from S. and E. Ship under all square sail except mainsail In cruise Fires banked in two boilers as per 25 lbs. Distilling Density sea water 27.

L. B. T. Moore
Ensign

From 4 to 8 A.M. Cloudy and pleasant. Stiff to gentle breeze from S.E. Sar Cum clouds Heavy swell from S. and E. In cruise Fires banked in two boilers Density 27. At 7.30 set jib At 7.45 hauled down jib

L. K. Lewis
Lieut

From 8 A.M. to Meridian Overcast and pleasant. Gentle to moderate breeze from S.E. and S. S.E. Long swell from S. and E. At 9. Target inspected at quarters At 11.50 hauled down jib. Fires banked in two boilers Distilling Density sea water 26

L. P. Jarrett
Master

From Meridian to 4 P.M. Cloudy and pleasant. Gentle to moderate breeze from S.E. Barometer falling slowly. Sea smooth At 2. Changed course to N.N.W. Fires banked in two boilers Distilling Density sea water 26. Watch at work scraping and oiling block.

Lewis C. Snyder
Ensign

From 4 to 8 P.M. Cloudy and pleasant Moderate S.E. by E. breeze Sar Cum clouds At 5 set jib Ship under all plain square sail and jib In cruise Long swell from S.E. Fires banked in two boilers Distilling Density sea water 26.

C. A. Briggs
Clerk

From 8 to 12 M. Cloudy and pleasant Moderate breeze from S.E. by E. shifting to S. At 9 ceased steaming at quarters At 9. Target speaker Density sea water 26 On account of S.W. Fires banked in two boilers Distilling

L. K. Lewis
Lieut

From 8 P.M. to Midnight Overcast and pleasant Stiff breeze from S. to S.E. Long swell from S. At 9.30 hauled up Target. Fires banked in two boilers Distilling Density sea water 27.

L. P. Jarrett
Master

Moon's phase 3d 9h Dec. N. 27°

Examined and found to be correct.

Asa Walker,
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex, 3 Rate, 6 Guns,

Making passage from Cape Town South Africa to Ascension Island

Hour.	Knots.	~~Fathoms~~ Tenths	Courses Steered.	WINDS. Direction.	Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	5	6	NNW	SbyE	4		30.12	67	65	64	66	b	Cir Cum	0	M	Plain sail to royals
2	6	6	"	SSE	4		30.09	67	65	64	66	"	"	0	"	except mainsail
3	5	8	"	"	4		30.09	67	65	64	66	"	"	0	"	spanker and flying
4	5	5	"	"	4		30.08	67	65	64	66	"	"	0	"	jib
5	5	6	"	"	4		30.09	67	65	64	66	"	"	0	"	
6	5	6	"	"	4		30.10	67	65	65	66	"	"	0	"	hauled down jib
7	5	4	"	"	4		30.12	67	65	65	66	"	"	0	"	
#8	5	2	"	"	4		30.13	67	66	65	66	"	"	0	"	
9	4	5	"	"	4		30.13	67	66	65	66	"	"	0	"	
10	4	4	"	SbyE by E	4		30.14	67	66	65	66	"	"	0	"	Set jib and spanker Watch for 4 Gmds and day at Qrt
11	4	6	"	SE.	3		30.14	67	67	66	67	bc	"	1	"	
Noon.	3	5	"	"	3		30.13	68	69	67	67	"	"	3	"	for 1 Gmds and rain

Lat 8 20°21' Long. 0°0'

Distance run by Log since preceding Noon	124 knots	0 ~~fathoms.~~ tenths
Latitude by D. R. at Noon	S. 20 ° 13' 44"	
Longitude by D. R. at Noon	W. 0 ° 7' "	
Latitude by Observation at Noon ⊙	S. 20 ° 10' 35"	
Sq. 633 Longitude by Chronometer from Forenoon Observations ⊙	W. 0 ° 14' "	
Current during the time 0 knots 3 ~~fms.~~ tenths per hour setting to the	W.NW.	
Variation of the Compass by Amplitude ⊙ observed at Sunrise	° ' "	
Variation of the Compass by Azimuth ⊙ observed at	° ' "	
Water expended during the preceding 24 hours	200	gallons.
Water condensed during the preceding 24 hours	750	"
Water remaining on hand fit for use at Noon	1600	"
Coal consumed during the preceding 24 hours	tons	lbs.
Coal remaining on hand at Noon	"	"

P. M.															
1	5	5	NNW	"	1	30.12	70	72	69	67	bc	Cir Cum	2	M	
2	5	4	"	"	2	30.10	70	73	72	67	"	"	3	"	
3	5	5	"	"	2	30.09	71	73	71	68	"	"	1	"	
4	5	5	"	SbyE	2	30.09	70	70	68	68	"	"	1	"	
#5	3	5	"	SbyE by E	3	30.09	69	69	67	67	"	"	2	"	
6	5	2	"	"	3	30.09	69	68	67	67	"	"	2	"	
7	3	6	"	"	3	30.10	68	67	66	67	"	"	3	"	
#8	4	3	"	SbyW	3-4	30.11	68	66	65	67	"	"	6	"	set spanker
9	4	5	"	"	3	30.11	68	67	65	67	"	"	4	"	All square sail except mainsail
10	4	6	"	S	4	30.12	68	67	65	67	"	"	1	"	
11	5	0	"	"	4	30.12	68	67	65	67	0	"	0	"	jib and spanker
Mid.	4	8	"	SbyE	4	30.12	68	66	65	67	"	"	0	"	

S 20° 0' W 0 24'

S 19° 32' E 0° 33'

642

Longitude by Chronometer from Afternoon Observations ⊙	° ' "	
Longitude by Chronometer from Observations *	° ' "	
Variation of the Compass by Amplitude ⊙ observed at Sunset	° ' "	
Variation of the Compass by at	° ' "	

under the command of Commander W. Scott Schley. , U. S. Navy,

Wednesday Nov 13th , 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 A.M. Cloudy and pleasant Moderate breeze from SW by S and SSE Bar falling slowly. Saw moderate Fires banked Two boilers Distilling Density 26

Saml. Sandy
Captain

From 4 to 8 A.M. Overcast and pleasant Moderate breeze from SE Sun rises cloudy At 6 hauled down jib Under all sparse sail except mainsail Set Cooper Density 26 Fires banked in two boilers At 8 Hr Ap 25 lbs Distilling

C. A. Burns
Master

From 8 A.M. to Meridian Overcast first two hours Cloudy last two. Pleasant Moderate to gentle breeze Variable from SE to SW by S Ship course NW by W At 9 45 set jib and spanker At 10 took in Fore & Main royal sent down Yards and sent new Royals At 11 crossed yards and set sails At 12 15 inspected at quarters Divisions 1st and 2nd Div at stations Fires banked in two boilers Distilling Density 27.

C. K. Curtis
Lieut

From Meridian to 4 P.M. Cloudy and pleasant Gentle breeze from SE and SSE Bar falling slowly Log 8 miles Fires as At 3 sent down Main & Main royal yards and sent on sails Fires banked in two boilers Distilling Density 26.

L. P. Smith
Master

From 4 to 8 P.M. Cloudy and pleasant Light breeze from SW by S Bar steady Log 8 miles Crossed main lower gallant and royal yards and set sails Fires banked in two boilers Distilling Density same under 26

Saml. Sandy
Captain

From 8 to 8 P.M. Clear Pleasant Gentle breeze from SW by S Shifting to SW by W Bar Sam Course At sunset secured at quarters At 7 set spanker Ship on course Under all sparse sail except mainsail Fires banked in two boilers At steam for 25 lbs Distilling Density same under 26

C. A. Burns
Master

From 8 P.M. to Mid Cloudy and pleasant Moderate breeze from SW by W Shifting to SE Ship course NW Fires banked in two boilers Distilling Density same under 26

C. K. Curtis
Lieut

Moon's phase 3d qr dec N. 26°

Examined and found to be correct.

Asa Walker.
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex, 2 Rate, 6 Guns,

Making passage from Cape Town to St Helena Island

Hour.	Knots.	Tenths Fathoms	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	4	0	WbyS	Fresh	3		30.12	68	65	64	67	0	Cir Cum	0	S	Jib & spanker out
2	4	8	"	"	3		30.12	68	65	64	67	"	"	0	"	all plain sail
3	5	0	"	"	4		30.12	68	65	64	67	"	"	0	"	Furl royals & mizen
4	5	0	"	"	4		30.12	68	65	64	67	"	"	0	"	
5	5	2	"	Abft E	4		30.12	67	66	64	67	bc	"	1	"	
6	5	2	"	"	3.4		30.12	67	66	65	67	"	"	1	"	Took in spanker
7	4	6	"	E.	4		30.12	67	66	65	67	"	"	1	"	
8	4	6	"	E&E	4		30.13	67	66	64	67	"	"	1	"	
9	5	0	"	"	4		30.15	67	67	65	67	"	"	1	"	
10	5	0	"	"	4		30.15	67	68	66	67	"	"	1	"	
11	4	4	"	"	4		30.15	68	70	68	67	"	"	1	"	Hauled down jib
Noon.	4	8	"		4		30.15	68	70	68	67	"	"	1	"	

S 19° 15'
W 1° 26'

Distance run by Log since preceding Noon 101 knots 4 Tenths ~~fathoms.~~

Latitude by D. R. at Noon S. 19 ° 2' 29"

Longitude by D. R. at Noon W. 1 ° 33' 20"

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ W 1 ° 41' "

Current during the time knots fms. per hour setting to the

Sq 642 Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at 9 33 Mm Lat S 19° 10' Lng W 1 31 W. 25 ° 33' "

Water expended during the preceding 24 hours 250 gallons.

Water Condenser during the preceding 24 hours 750 "

Water remaining on hand fit for use at Noon 2100 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.																
1	4	8	NbyW	P.E		4	30.12	69	71	69	67	0	Cir Cum	0	M	
2	4	2	"	"		3	30.10	69	72	70	67	"	"	0	"	Took in fore sail
3	3	6	"	"		3	30.10	69	72	70	67	bc	"	1	"	Set fore sail
4	4	6	"	"		3	30.10	69	71	70	67	"	"	2	"	
5	4	0	"	"		3	30.08	69	71	69	67	"	"	1	"	All plain sail &
6	4	2	"	"		3	30.08	69	70	69	67	"	"	1	"	Light weather sail
7	4	2	"			3	30.10	69	69	69	67	"	"	1	"	
8	4	2	"	S"		3	30.12	69	68	66	67	"	"	1	"	
9	4	4	"	S"E.		3	30.13	69	68	66	67	"	"	1	"	Set spanker and jib
10	4	9	"	"		3	30.13	69	68	66	66	"	"	1	"	Took in spanker
11	4	6	"	"		4	30.14	69	67	66	66	"	"	0	"	
Mid.	4	6	"	"		4	30.14	69	67	66	66	"	"	0	"	

S 18° 40'
W 2° 7'

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Comdr W. Scott Schley, U. S. Navy,

Thursday December 14th, 1899.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast and pleasant. Gusts to moderate breeze from S. Bar. steady. Sky well from S.E. Fires banked in two boilers Distilling. Quantity on water 26.

L. P. Jewett
Master

From 4 to 8 A.M. Cloudy and pleasant. Moderate breeze from S.E. and E.S.E. Bar. veering slowly. Sea moderate. Fires banked in two boilers Distilling. Quantity on water 26. At 6.30 took in sounding

Sam'l Lemly
Ensign

From 8 A.M. to Noon. Cloudy. Fresh breeze and pleasant. Moderate breeze from S.E. Fair. Some clouds. At 9.15 inspected at quarters. Exercised Gatlings & Colts. At 10.30 hauled down jib. Ship under all square sails except mainsail. Fires banked in two boilers. At steam for 36 hrs. Distilling. Quantity on water 76

Chas. L. Brumby
Master

From Noon to 4 P.M. Cloudy. Pleasant Gusts breeze from S.E. Ship on course. Set & Shifted jib and fore sail. Hoisted 2 sails on starboard side. Fires banked in two boilers. Distilling. Pleasant

L. K. Curtis
Lieut.

From 4 to 8 P.M. Cloudy and pleasant. Gusts breeze from S.E. Sky cloudy. Sea smooth. Ship in eight bells starboard tack. Ship on course N.E. by N. Under all plain sail except mainsail. Fires banked in two boilers. Distilling. Quantity 26.

L. P. Jewett.
Master

From 8 to 12 P.M. Cloudy and pleasant. Gusts breeze from S.E. Bar. veering. Sea moderate. At midnight moored at quarters. Ship in eight at dark. Evening Set & Furled. Pleasant. Furled sails. Fires banked in two boilers. Distilling. Quantity 26.

Sam'l Lemly
Ensign

From 12 to 4 A.M. Cloudy. Pleasant. Moderate S.E. breeze. Some clouds. At 3.30 set jib and spanker. At 3.50 took in spanker. Ship on course under jib and all square sails except mainsail. Fires banked in two boilers. At steam for 24 hrs. Distilling. Quantity on water 25.

C. L. Brumby.
Master

Moon's phase 3d qr. Dec N. 24°

Examined and found to be correct.

Asa Walker,
Lieut. ——

Navigator.

LOG of the UNITED STATES Steamer Essex , 3 Rate, 6 Guns,

Making passage from Cape Fear to St Helena Sound

Hour.	Knots.	Tenths Fathoms	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	4	7	NNW	SE	3		30.12	68	67	66	66	0	Strat Cirrus	0	L	Set and Struck Royals
2	5	5	"	"	4		30.12	68	67	66	66	"	"	0	"	Set Royals
3	5	4	"	SE by S.	4		30.09	68	67	66	66	"	"	0	"	Main sail
4	5	5	"	"	4		30.09	68	66	65	66	"	"	0	"	
5	5	6	"	"	4		30.09	68	66	65	66	"	"	0	"	
6	4	8	"	"	4		30.09	68	66	65	66	"	"	0	"	
7	5	4	"	"	4		30.10	68	66	65	66	"	"	0	"	
8	5	3	"	"	4		30.14	68	66	65	66	"	"	0	"	
9	5	3	"	"	4		30.16	68	67	66	66	"	"	0	M	All plain sail as yesterday
10	5	4	"	"	4		30.16	68	68	67	67	0 spd	"	0	"	Light Squalls and Thunder
11	5	2	"	"	4		30.16	68	69	67	67	2 spd	"	1	"	Starboard Cable to
Noon.	5	2	"	"	4.5		30.16	68	69	67	67	2 spd	"	2	"	Main sail

S 17° 46' W. 3° 6'

Distance run by Log since preceding Noon	114 knots	5 tenths fathoms.
Latitude by D. R. at Noon	S 17 . 45 .	35 "
Longitude by D. R. at Noon	W 3° . 10' .	"
Latitude by Observation at Noon ⊙	S 17 . 35 .	24 "
Longitude by Chronometer from Forenoon Observations ⊙	W. 3 . 18 .	"
Current during the time 0 knots 4 tenths fms. per hour setting to the NWbyW		
Variation of the Compass by Amplitude ⊙ observed at Sunrise	° '	"
Variation of the Compass by Azimuth ⊙ observed at	° '	"
Water expended during the preceding 24 hours	250	gallons.
Water Condensed during the preceding 24 hours	950	"
Water remaining on hand fit for use at Noon	2800	"
Coal consumed during the preceding 24 hours	tons	lbs.
Coal remaining on hand at Noon	"	"

Sq. 642

P. M.															
1	5	5	NNW	SE by S	3.4	30.14	67	69	68	67	60	"	5	D	Set Spanker Topmast Stay sail and Jib Hauled down
2	5	8	"	"	3.4	30.12	67	69	68	67	"	"	6	"	
3	4	4	"	"	4	30.14	67	69	68	67	"	"	7	"	
4	5	4	"	"	4	30.10	67	69	68	67	"	"	7	"	
5	5	2	"	"	3.4	30.09	67	67	67	67	"	Cirrus	4	"	Main sail set
6	4	4	"	SE	4	30.09	67	68	67	67	"	"	3	"	T. M. Stay sail
7	4	2	"	"	3	30.09	67	67	66	67	0	Cirrus Strat	0	"	
8	5	5	"	"	3	30.09	67	67	66	67	0	"	8	"	
9	4	8	"	SE by S	4	30.14	68	68	66	67	0	"	8	"	
10	5	7	"	"	4	30.15	68	67	66	66	"	"	0	"	
11	5	6	"	"	4	30.15	68	67	66	66	"	"	0	"	
Mid.	5	8	"	"	4	30.15	68	67	66	66	"	"	8	"	

S 17° 21' W. 3° 47'

Longitude by Chronometer from Afternoon Observations ⊙	° '	"
Longitude by Chronometer from Observations *	° '	"
Variation of the Compass by Amplitude ⊙ observed at Sunset	° '	"
Variation of the Compass by Azimuth at 4 P.M.	W. 20 . 45 .	"

under the command of Lieut H. D. Scott Ashley, U. S. Navy,

Friday November 15th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and ends A.M. Overcast and pleasant Moderate breeze from SE and SE by S. On course N by W. Long swell from do. Fires banked in two boilers & distilling. Density sea water 25

C. K. Lewis
Lieut

From 4 to 8 P.M. Overcast and pleasant Moderate breeze from SE by S. Long swell from do. At daylight sighted a sail one point on starboard bow. Fires banked in two boilers & distilling. Density 25

L. P. Jewett
Master

From 8 A.M. to Meridian Cloudy Pleasant Moderate breeze from SE by S. Light rain squalls followed by Bar. steady. Sea moderate. At 8.30 stopped distilling. At 9 exercised at fire quarters. At 9.35 banked fires. Took in stbd. clew of mainsail. Set sail in sight at end of watch. bearing SW by S distant about 2 miles. Density sea water 25. Scraped and washed down decks

Wm. C. Engle,
Engineer

From Meridian to 4 P.M. Clear Moderate NE breeze. Cirro-cumulus clouds. At 12.15 set spanker. Flying jib and gaff topsail and weather clew of mainsail. All plain sail except fore topmast staysail. Sighted Hygeia ship in sight 2 pts on lee bow distant 5 miles. Density sea water 25

C. B. T. Moore
Ensign

From 4 to 8 P.M. Cloudy and pleasant Gentle moderate breeze from SE (by course NW by W.) Set aft and trat both bower chains. At 5.45 went to quarters and secured ant clear hawse pipes. Ship in sight 3 pts on lee bow. Density sea water 25.

A. T. Mahan
Midn

From 8 to 8 P.M. Overcast and pleasant Gentle breeze from SE. Light sprinkling of rain during first part of watch. At dark lost sight of ship 3 pts on starboard bow. Density sea water 25.

C. K. Lewis
Lieut

From 8 P.M. to Meridian Cloudy, Pleasant, Moderate, breeze from SE by S. Fires smooth. Ship under all sail. Density sea 25

L. P. Jewett.
Master

Moon's phase 3d qr. Dec. N. 20°

Examined and found to be correct.

Asa Walker,
Lieut

Navigator.

LOG of the UNITED STATES Steamer Iroquois, 2 Rate, 6 Guns,

Off Island of Ascension

Hour.	Knots.	Fathoms / ~~Fathoms~~ Tenths	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	3	3	ESE	SE	4		30.19	67	67	66	66	0	Cirri Cumu	3	0	All plain sail except
2	4	7	"	"	3-4		30.11	67	67	66	66	"	"	0	"	T.G.M. staysail
3	4	6	"	"	3-4		30.10	67	67	66	66	"	"	0	"	Took in gaff topsail
4	3	2	"	"	4		30.10	67	67	66	66	"	"	0	"	Taken off Mainsail
5	4	8	"	"	3-4		30.10	68	68	67	66	"	Cir Cumu	0	"	Set and all sail
6	3	3	"	SE	4-5		30.10	68	68	67	66	"	Cumu	0	"	Furled sail & Set Mainsail
7	6	2	"		5		30.13	68	67	66	66	"	"	0	"	Set mainsail
8	6	0	"	SSE	5		30.14	67	68	67	66	"	"	0	"	
9	5	8	"	SE	4		30.15	67	68	67	66	"	"	0	"	
10	3	3	NE by N 1/4 N	"	4		30.15	67	68	67	66	"	"	0	"	Set Spanker & Jib
11	6	7	"	SE by S	5		30.15	67	69	68	66	"	"	0	"	Off topsail & Jib
Noon.	6	6	"	"	5		30.15	67	69	68	66	"	"	8	"	Off clew of mainsail

S 16° 15' W 3 miles

Sq. 642

Distance run by Log since preceding Noon	124 knots	4 ~~fathoms~~ tenths
Latitude by D. R. at Noon	S 16 ° 11	, "
Longitude by D. R. at Noon	W 4 ° 54	, "
Latitude by Observation at Noon ⊙	S 16 ° 11	, "
Longitude by Chronometer from Forenoon Observations ⊙	W. 5 ° 05	, "
Current during the time 0 knots 4 ~~fms.~~ tenths per hour setting to the West.		
Variation of the Compass by Amplitude ⊙ observed at Sunrise	°	, "
Variation of the Compass by Azimuth ⊙ observed at	°	, "
Water expended during the preceding 24 hours	380	gallons.
Water during the preceding 24 hours		"
Water remaining on hand fit for use at Noon	2480	"
Coal consumed during the preceding 24 hours	tons	lbs.
Coal remaining on hand at Noon	"	"

Sq. 641

P. M.															
1	3	2	NNW 1/2 W	SE by E	5	30.14	69	70	68	68	0	"	0	0	Plain sail Ex Main sail
2	5	0	"	"	4	30.12	69	70	68	68	"	"	0	"	Spanker & F.T. Staysail
3	6	2	"	"	4	30.12	69	70	69	68	"	"	0	"	and steam
4	8	4	"	"	4	30.10	68	71	69	68	"	"	0	"	
5	7	5	"	"	4	30.09	68	71	70	68	"	"	4	"	Took in sail furled
6	Thunderhead for Ascension				5	30.09	68	71	70	=	"	"	6	"	all sail & Steam
7	at anchor				3-4	30.10	68	70	68	"	"	"	0	"	
8	"			SE by E	3-5	30.12	69	69	67		60	"	2	"	
9	"			"	3-5	30.12	69	69	67		"	"	6	"	
10	"		SE by E	"	3-5	30.14	69	69	67		"	"	1	"	
11	"		SE	SE	3-5	30.14	68	69	68		"	"	1	"	
Mid.	"		"	SE by E	3-6	30.14	68	69	68		"	"	1	"	

Longitude by Chronometer from Afternoon Observations ⊙	°	, "
Longitude by Chronometer from Observations *	°	, "
Variation of the Compass by Amplitude ⊙ observed at Sunset	°	, "
Variation of the Compass by at	°	, "

under the command of Commander W. Scott Schley, U. S. Navy,

Saturday November 16th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and under way. Overcast Pleasant Gentle to moderate breeze from N.E. Low Land clouds Obscured moonlight. At 30 set spanker gaff topsail and J. jib and hauled down trysail clew of mainsail. Ship in course under all sail except trysail clew of mainsail up. Empty 2 ft.

Midn. Emery
Cadet

4 to 8 A.M. Overcast and pleasant Moderate to stiff breeze from S.S.E. and S. Ship in company Hd off Full rigged ship in sight abaft port beam. Empty sea water 2 ft Bar rising

C. B. T. Moore
Ensign

From 8 A.M. to Meridian Overcast and pleasant Moderate to stiff breeze from S.E. and S.E. by S. At 9.30 sighted high land 1/4 point on port bow At 9.50 changed course to W. by N. 1/2 N. At 10 mustered at quarters cleared decks and hammocks & full rigged ship in sight 3 points abaft beam. Empty 2 ft At 11.40 set J jib gaff topsail spanker trysail clew of mainsail At 12 Western end of St. Helena bore W. by N. 1/2 N.

C. A. Mimms
Midn

Meridian to 4 P.M. Cloudy and pleasant Moderate breeze from S.E. by S. Bar rising Sea smooth At 2.20 changed course to N.W. by N. At 2.30 took in and furled mainsail set main topsail At 2.40 started fires in 4 boilers At 3 took in main trysail and At 3.30 cast off propeller and commenced steaming took in spanker At end of watch Bar Point St. Helena bore S.W. by W. 1/2 W. Ship in sight in the quarter At steam for 60 lbs Empty 2 ft.

Ens. Swift in charge
C. K. Curtis
Lieut

4 to 8 P.M. Pleasant Moderate breeze from S.E. Steaming in for Jamestown. At 4.50 took in light sails and foresail At 5 started fires and steering under the Batteries At 5.40 for Ft.

E. P. Jarrett.
Master

From 8 to 8 P.M. Cloudy Pleasant Moderate breeze from S.E. by E. Steaming in quarter. At 6.45 came to anchor in 16 fms water with port anchor in 5 fms chain. Being too close to a barque moved port anchor and shifted berth. At 7 let go port anchor in 19 fms water 45 fms chain Buoy of Sugar Loaf E. 1/4 N. Holder Hill S.E. by E. Straight ford S. to the Flagstaff in 7 8/10 in Aft of pier at 7.50 hauled fires At sundown sent down light yards unbent light sails

Saml. Smith
Ensign

From 8 P.M. to Midn Cloudy and Pleasant Low lying clouds Gentle breeze steaming ports in pier from S.E. and S.S.E. At 10 veered 60 fms on port chain

C. B. T. Moore
Ensign

Moon's phase 3d qr See N. 16°

Examined and found to be correct.

Asa Walker,
Lieut.

Navigator.

LOG of the UNITED STATES [illegible] Flux , [illegible] Rate, [illegible] Guns,

Jamestown AT Hilands

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1			[illegible]	[illegible]	3.6		30.12	68	68	67		bc	Cirro Strat	2	[illegible]	
2			[illegible]	"	3.5		30.11	68	68	67		"	"	1	"	
3			[illegible]	"	3.6		30.10	68	68	67		clr.	"	0	"	
4			[illegible]	"	3.5		30.10	68	68	67		"	"	0	"	
5			[illegible]	[illegible]	3.4		30.10	68	68	67		"	"	0	"	
6			[illegible]	"	3.4		30.12	68	68	66		bc	"	1	"	
7			[illegible]	[illegible]	3.4		30.14	68	68	66		"	"	1	"	
8			[illegible]	[illegible]	3.4		30.15	68	69	67		"	"	1	"	
9			"	[illegible]	3.4		30.15	68	70	67		"	"	1	"	
10			[illegible]	"	3.4		30.16	69	71	68		"	"	1	"	
11			[illegible]	[illegible]	3.4		30.17	69	73	69		"	"	1	"	
Noon.		—	[illegible]	[illegible]	3.5		30.16	69	72	69		"	"	1	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° — ′ — ″

Longitude by D. R. at Noon — ° — ′ — ″

Latitude by Observation at Noon ⊙ — ° — ′ — ″

Longitude by Chronometer from Forenoon Observations ⊙ — ° — ′ — ″

Current during the time — knots — fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° — ′ — ″

Variation of the Compass by Azimuth ⊙ observed at — ° — ′ — ″

Water expended during the preceding 24 hours — 400 — gallons.

Water — during the preceding 24 hours — " — "

Water remaining on hand fit for use at Noon — 2050 — "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " — "

P. M.																
1			[illegible]	[illegible]	3.5		30.16	70	72	69		bc	Cumi	3	[illegible]	
2			[illegible]	"	3.5		30.13	71	73	68		"	"	3	"	
3			[illegible]	[illegible]	3.5		30.12	71	73	69		"	"	3	"	
4			[illegible]	"	3.4		30.12	71	72	69		"	"	3	"	
5			"	"	3.4		30.12	72	72	69		"	"	4	"	
6			"	[illegible]	3.4		30.12	72	71	67		"	"	2	"	
7			[illegible]	"	3.5		30.12	72	69	66		"	"	1	"	
8			[illegible]	"	3.5		30.12	71	68	66		"	"	3	"	
9			"	"	3.5		30.13	70	69	67		"	"	3	"	
10			[illegible]	[illegible]	3.5		30.14	70	69	67		"	"	3	"	
11			"	"	3.5		30.14	70	68	67		"	"	3	"	
Mid.			[illegible]	[illegible]	3.5		30.15	70	68	67		"	"	3	"	

Longitude by Chronometer from Afternoon Observations ⊙ — ° — ′ — ″

Longitude by Chronometer from Observations * — ° — ′ — ″

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° — ′ — ″

Variation of the Compass by — at — ° — ′ — ″

under the command of Lieut W. Scott Schley, U. S. Navy,

Sunday November 7th, 1897.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 A.M. Cloudy first two hours Overcast last two with light sprinkling rain Light to fresh breeze from SE Moving in gusts Obscured moonlight

Saml C. Lemly
Ensign

From 4 to 8 A.M. Pleasant Gentle to moderate breezes with occasional gusts from E & SE to SE Bar rainy Sea smooth Rigged out boats and prepared ship for sea. Sounded. Shook reefs out of mainsail and refurled it Englished. Full rigged ship came in and anchored

C. B. T. Moore
Ensign

From 8 A.M. to Noon Cloudy and Pleasant Gentle breeze blowing stiff in puffs from SE by E to SE by S. At 9 Sounded & Veered two pieces chain and one at quarter Afterwards unshackled Sent liberty party on shore. American Consul paid us visit to Capt.

C. B. T. Moore
Ensign

Moored to 2 P.M. Clear First part Cloudy last Full & Carried Pleasant Moderate breeze with frequent gusts from SE. and S. Bar falling Sea smooth.

C. B. T. Moore
Ensign

From 4 to 8 P.M. Cloudy and pleasant Light breeze stiff in puffs from S. to ~~SE~~ SE. Sea smooth.

C. B. T. Moore
Ensign

From 8 P.M. to Midn Cloudy. Moderate breeze with stiff gusts from S.E. by S. and S.S.E. Bar steady Sea smooth.

C. B. T. Moore
Ensign

Moon's phase 4th qr. Dec N. 10°

Examined and found to be correct.

Asa Walker.
Lieut.

Navigator.

LOG of the UNITED STATES Steamer Essex, 3 Rate, 8 Guns,

Jamestown Ft. Edwards.

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1			○ ☾ & ☿	S.E.	3.5		30.12	68	67	66		b.c	Cum Strat	8	0	
2			☿ E	"	3.5		30.12	68	67	66		"	"	7	"	
3			"	"	3.5		30.12	68	67	66		"	"	1	"	
4			"	"	3.4		30.10	68	67	66		"	"	1	"	
5			☿ E	S.S.E.	2.4		30.10	68	67	66		"	"	2	"	
6			"	"	2.4		30.10	69	68	67		"	"	2	"	
7			☿ ☿ E	"	2.4		30.11	69	68	67		"	"	3	"	
8			"	"	3.4		30.13	68	68	67		"	"	2	"	
9			☿ E	S E	3.4		30.14	68	68	66		"	"	2	"	
10			"	"	3.4		30.14	68	69	67		"	"	2	"	
11			"	"	3.4		30.14	68	69	67		"	"	1	"	
Noon.			"	"	3.4		30.12	69	71	68		☉	"	0	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° ' "

Longitude by D. R. at Noon — ° ' "

Latitude by Observation at Noon ⊙ — ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ — ° ' "

Current during the time — knots — fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at — ° ' "

Water expended during the preceding 24 hours — 300 gallons.

Water — during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 1750 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " — "

P. M.																
1			☿ ☿ E.	☿ E	3.4		30.10	69	71	69		b.c	Cum Strat	1	0	
2			"	"	3.4		30.08	69	70	69		"	"	1	"	
3			"	"	3.4		30.07	69	70	69		b.c.h.	"	1	"	
4			"	"	3.4		30.07	69	70	69		"	"	3	"	
5			"	"	3.4		30.07	69	70	68		b.c	"	2	"	
6			"	"	3.4		30.7	69	68	67		b.c.h.	"	2	"	
7			"	"	3.4		30.09	69	68	66		"	"	2	"	
8			"	"	3.4		30.10	69	68	66		o.h.	"	0	"	
9			"	"	3.4		30.10	68	68	66		b.c	"	1	"	
10			"	"	3.4		30.10	68	68	66		"	"	2	"	
11			E ☿ E.	"	4.6		30.10	67	67	66		"	"	1	"	
Mid.			☿ E.	"	4.6		30.10	67	67	66		"	"	3	"	

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by — at — ° ' "

under the command of Commander H. Dent Tichenor, U. S. Navy,

Monday November 1st, 1875.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy and pleasant Gentle to stiff breeze from S.E. Sea smooth. Bar falling Clouds passing rapidly to N.W.

C. J. T. Moore
Ensign

From 4 to 8 A.M. Cloudy and pleasant. Light to moderate breeze from S.E. Some thick clouds. A German and English bark in sight and anchored. At 8 crossed royals and top gallant yards. Received on board fresh beef and vegetables for crew.

C. K. Curtis
Lieut

From 8 A.M. to Noon. Cloudy and pleasant. Gentle to moderate breeze from S.E. Bar falling. Sea smooth. At 9 called all hands and exhibited to crew. Crew engaged in overhauling blocks. The Consul of her Majesty forces at St Helena called on Commdg Officer officially.

C. H. Byrd
Pilot.

Mem. for P.M. Cloudy. Pleasant. Light breeze from S.E. in gusts. Some thick clouds. Light passing showers last hour. Engaged in overhauling blocks.

C. K. Curtis
Lieut

From 4 to 8 P.M. Cloudy. Light passing rain. Gentle to moderate breeze with gusts from S.E. Bar rising. Sea smooth. At 5. All mustered at quarters and served out Evening rations.

C. H. Byrd
Pilot

From 8 P.M. to Mid. Cloudy. Good. Moderate to fresh breeze from S.E. Some thick clouds. Vessel standing in gusts off the Island.

C. K. Curtis
Lieut

Moon's phase last qr. Dec N. 4°

Examined and found to be correct.

Asa Walker
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex, 3 Rate, 8 Guns,

Jamestown Island Va

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1			[illegible]	[illegible]	3		30.07	67	66	66		oped	Cum Strats	0	9	
2			[illegible]	"	3.N		30.08	67	66	66		"	"	0	"	
3			[illegible]	[illegible]	3.N		30.08	67	66	66		"	"	0	"	
4			[illegible]	[illegible]	3.N		30.08	67	66	65		"	"	0	"	
5			[illegible]	[illegible]	3.N		30.07	67	66	65		0	"	0	"	
6			[illegible]	"	3.N		30.05	66	66	65		bd	"	2	"	
7			[illegible]	[illegible]	3.N		30.09	66	66	66		"	"	3	"	
8			[illegible]	[illegible]	2.N		30.09	66	67	66		"	"	3	"	
9			[illegible]	"	2.N		30.10	67	68	67		bcsh.	"	3	"	
10			"	"	2.N		30.10	67	68	67		"	"	3	"	
11			"	"	2.N		30.10	67	68	67		"	"	3	"	
Noon.			"	"	2.N		30.08	68	68	67		"	"	3	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° ' "

Longitude by D. R. at Noon — ° ' "

Latitude by Observation at Noon ⊙ — ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ — ° ' "

Current during the time — knots — fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at — ° ' "

Water expended during the preceding 24 hours — 250 gallons.

Water — during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 1500 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " — "

P. M.														
1		[illegible]	[illegible]	2.N		30.05	69	69	67	bcl	Cum Strats	2	9	
2		[illegible]	"	2.N		30.04	69	69	67	bd	"	2	"	
3		"	"	2.N		30.03	69	70	67	"	"	2	"	
4		"	"	2.N		30.03	69	70	67	"	"	1	"	
5		[illegible]	"	2.N		30.04	68	68	67	"	"	1	"	
6		[illegible]	"	2.N		30.04	68	68	67	"	"	2	"	
7		"	"	2.N		30.04	68	67	66	"	"	2	"	
8		[illegible]	"	3.4		30.04	68	67	66	"	"	1	"	
9		"	"	3.N		30.06	68	67	66	oped.	"	0	"	
10		[illegible]	"	3.N		30.06	68	67	66	"	"	0	"	
11		[illegible]	"	3.N		30.06	68	67	66	bd	"	1	"	
Mid.		[illegible]	"	3.N		30.06	68	67	67	"	"	1	"	

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by — at — ° ' "

under the command of Lieut H. Scott Tilley, U. S. Navy,

Tuesday November 19, 18 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and unto A.M. Cloudy. Squally Passing rain Gentle to moderate breze freshening in gusts from S.E. to S. Bar falling slowly. Ans Smooth.

C. A. Brown
Master

From 4 to 8 A.M. Cloudy Pleasant Light to stiff breze from S.E and S.S.E. blowing in gusts Discovering English Brig which Ensued and an English barque got underway and stood out.

L. P. Jewett
Master

From 8 A.M. to Meridian Cloudy Drizzling rain. Light breze from S.E. blowing in stiff gusts At the usual quarters By order of Lieut Officer of Deck C. Barrack (O.S.) placed in solitary confinement on bread and water for sleeping on lookout. J. B. Manly (O.S.) was placed in double irons to await trial by Court Martial for disobedience of order and insolence to Officer of the Deck.

C. K. Curtis
Lieut

From Meridian to 4 P.M. Cloudy and drizzling rain first hour. Pleasant latter part Gentle breze from S.E. with stiff gusts Bar falling slowly

L. P. Jewett
Master

From 4 to 8 P.M. Cloudy Light breze from S.E. Sunset Broad clouds Mustered at quarters and turned in clear hammocks At sunset sent down light yards.

C. K. Curtis
Lieut

From 8 P.M. to Mid Overcast with light drizzling rain first two hours Cloudy last two hours Gentle to stiff breze in gusts from S.E. Bar steady

L. P. Jewett
Master

Moon's phase last qr Dec. S. 2°

Examined and found to be correct.

Asa Walker,

Lieut. U. Navigator.

LOG of the UNITED STATES Steamer Essex, 3 Rate, 8 Guns,

Jamestown & St Helena

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1			D E	D E	2 VI		30.05	67	68	67		2	Cum Strat	2	D	
2				"	2 VI		30.05	68	68	67		"	"	3	"	
3			D E by E	"	2 VI		30.05	68	68	67		"	"	3	"	
4			"	"	2 VI		30.10	68	68	67		"	"	4	"	
5			"	"	2 VI		30.10	68	68	66		"	"	4	"	
6			E D E	"	2 V		30.07	68	67	66		"	"	3	"	
7			"	"	2 VI		30.03	68	67	66		"	"	2	"	
8	*		"	"	2 VI		30.07	68	67	66		"	"	2	"	
9			D D E	"	3 VI		30.08	68	69	67		"	"	2	"	
10			D E	D	2 VI		30.08	68	70	67		"	"	4	"	
11			D E by D	D E	2 VI		30.08	69	71	69		"	"	2	"	
Noon.			E D E.	"	2 VI		30.06	69	70	69		"	"	3	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ′ ″

Longitude by D. R. at Noon ° ′ ″

Latitude by Observation at Noon ⊙ ° ′ ″

Longitude by Chronometer from Forenoon Observations ⊙ ° ′ ″

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ′ ″

Variation of the Compass by Azimuth ⊙ observed at ° ′ ″

Water expended during the preceding 24 hours 250 gallons.

Water re during the preceding 24 hours "

Water remaining on hand fit for use at Noon 1250 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.														
1		D E by E.	D W.	3 VI	30.07	70	71	68	6	Cum Mid	3	D		
2		D E.	D	2	30.05	70	71	68	"	"	2	"		
3			"	2	30.02	70	71	68	"	"	1	"		
4		D " E.	"	2	30.02	70	72	69	"	"	1	"		
5		D E.	D E	2 4	30.02	70	68	67	"	"	3	"		
6		D	"	2 VI	30.02	70	68	67	"	"	3	"		
7		D D W.	"	3	30.03	69	68	67	"	"	1	"		
8		D by W	"	2 3	30.03	69	68	67	"	"	1	"		
9		D D E	"	2	30.05	69	69	67	"	"	1	"		
10		"	"	2 4	30.06	69	67	66	"	"	8	"		
11		"	D	2 4	30.06	68	67	66	"	"	8	"		
Mid.		"	"	3	30.06	68	67	66	"	"	7	"		

Longitude by Chronometer from Afternoon Observations ⊙ ° ′ ″

Longitude by Chronometer from Observations * ° ′ ″

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ′ ″

Variation of the Compass by at ° ′ ″

under the command of Lieut. H. Scott Schley, U. S. Navy,

Wednesday Nov 20th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and ~~ends~~ M. Cloudy Light Pleasant. Light breeze from SE. Employed in stuffing guns
Off the Lines. By order of Lieut H. E. Robinson Read this watch for Muskets

E. N. Emmons
Lieut

From ~~Lost~~ M. Cloudy but Pleasant Light ~~to~~ moderate breeze from SE. Employed in guns
Fresh beef and vegetables for mess.

Saml. C. Spurlock
Ensign.

From ~~8 M~~ to Noon Cloudy and Pleasant Light to stiff breeze from SE and S. Employed in stuffing
At 9.15 AM ~~Pleasant~~ at quarters Exercised Broad ~~and~~ Division at Great guns Served out Monthly
money for mess

L. P. Jewett
Master

Noon to ~~8~~ M. Cloudy and Pleasant. Light breeze from SW to South. Employed stuffing spunges
Received on board ~~Engineers~~ Cooks 500 gals fresh water Sent a liberty party on shore

Saml. Spurlock
Ensign

From ~~Lost~~ M. Cloudy and Pleasant. Light to stiff breeze Employed in guns from SE. By order
of Lieut. relieved F. P. Darragh Esq from Engagement.

L. P. Jewett
Master

From ~~8~~ M to Midn Cloudy and Pleasant Light to Breeze moderate employed from SE to South
Barometer.

Saml. Spurlock
Ensign

Moon's phase last qr, Dec. S. 9°

Examined and found to be correct.

Asa Walker.
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3rd Rate, 6 Guns,

James Town, Island of St. Helena

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1			E.S.E.	S.E.	1-2		30-07	66	68	68		b.c.	Cir. Cirro	0	S	
2			"	"	1-2		30.02	68	68	66		"	"	0	"	
3			"	S.	2		30.02	68	68	66		"	"	0	"	
4			"	S.E.	2-3		30.01	67	68	66		"	"	1	"	
5			S.E.	"	1-2		30.02	67	67	67		"	"	1	"	
6			S.S.E.	"	0-1		30.02	67	67	66		"	"	1	"	
7			"	"	0-1		30.03	67	67	66		"	"	1	"	
8			S by E.	"	1-2		30.05	67	67	66		"	"	2	"	
9			"	"	2		30.06	67	67	67		"	"	2	"	
10			E.S.E.	S	2		30.06	68	70	68		"	"	2	"	
11			"	"	2		30.06	70	70	68		"	"	2	"	
Noon.			"	"	2		30.08	70	70	68		"	"	3	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° ' "

Longitude by D. R. at Noon — ° ' "

Latitude by Observation at Noon ⊙ — ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ — ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at — ° ' "

Water expended during the preceding 24 hours — 250 gallons.

Water received during the preceding 24 hours — 1800 "

Water remaining on hand fit for use at Noon — 2800 "

Coal consumed during the preceding 24 hours — tons lbs.

Coal remaining on hand at Noon — " "

P. M.																
1			W.	S.W.	0-1		30.06	70	70	70		b.c.	Cum. Nimbus	6	S.	
2			W.S.W.	"	1		30.05	70	70	70		"	"	6	"	
3			E.S.E.	"	0-1		30.04	70	70	70		"	"	6	"	
4			"	"	2		30.04	71	71	71		"	"	7	"	
5			"	"	2		30.05	71	70	70		"	"	3	"	
6			S.	S.	2		30.04	71	70	68		"	"	4	"	
7			"	"	2		30.03	71	71	68		"	"	6	"	
8			"	S.S.E.	1-2		30.03	71	71	68		"	"	3	"	
9			S.W.	"	0-1		30.04	70	68	68		"	"	2	"	
10			S.S.W.	"	0-1		30.04	70	70	68		"	"	2	"	
11			"	"	1-2		30.05	70	70	68		"	"	2	"	
Mid.			"	"	1-2		30.05	70	70	68		"	"	2	"	

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by at — ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Thursday, November 21st, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 a.m. Cloudy and pleasant. Gentle to moderate breeze from S. E. & S. By order of Comdr. Wm. C. Robinson (Exec) stood mid watch on quarter deck.

L. P. Jarrett
Master

From 4 to 8 a.m. Cloudy. Pleasant. Light to gentle breeze from S. E. Barometer rising Sea smooth.

C. B. T. Moore
Ensign

From 8 a.m. to Merid. Cloudy and pleasant. Gentle breeze from S. E. to South. At 9 a.m. inspected at quarters. Exercised as per routine. The following men absent over time John L. King (B. Mate) Jas. Brown (C. F. C.) Chas. Zeller (O.S.) X. Funk (P. M.) F. Burkardt (Exec) Wallis Carter (I.C.F.) Jas. Gillespie (C. & G.) Michael Wogan (Cox) John McArdle (I.C.F.) W. D. Saddler (I.C.F.) Maurice Clark (C. & C.) and Jas. Shields (Sh. Cook)

Saml. Sculley
Ensign

Merid. to 4 P.M. Clear and pleasant. Light to gentle breeze from S.W. Barometer falling. Sea smooth. John L. King (B. Mate) returned on board

C. B. T. Moore
Ensign

From 4 to 8 P.M. Cloudy and pleasant. Light airs from S.W. & South. By order of Comdg. Officer placed Jas. Hackett (O.S. 2d Cl.) in double irons ~~for being drunk and disorderly~~ awaiting trial of first Genl Court martial. Chas. Zeller (O.S.) and Michael Wogan (Cox) returned from liberty. ~~But light sails.~~ Enlisted Thomas Matthews (Ord) for ~~three years~~ the Cruise ~~general service~~. But light sails. —

Saml. Sculley
Ensign

From 8 P.M. to Mid. Cloudy. Pleasant. Light to gentle breeze from S. S. E. Barometer rising slowly. Sea smooth.

C. B. T. Moore
Ensign

Moon's phase last qr. Dec. S. 15°.

Examined and found to be correct.

Neal Walker
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3rd Rate, 6 Guns,

James Town, Island of St. Helena

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1			E.S.E.	S.S.E.	2		30.07	68	68	66		b.c.	Cir. Cumu	1	S	
2			"	"	2		30.02	68	68	66		o.	"	0	"	
3			"	"	2		30.02	68	68	66		"	"	0	"	
4			"	"	2		30.01	68	68	66		b.c.	"	0	"	
5			S.E.	"	1-2		30.00	67	68	67		"	"	1	"	
6			S.S.E.	"	0-1		30.02	67	67	66		"	"	1	"	
7			"	"	0-1		30.04	67	67	66		"	"	1	"	
8			S by E.	"	1-2		30.08	67	67	66		"	"	1	"	
9			S.S.E.	"	2		30.08	67	67	66		"	"	1	"	
10			E.S.E.	S.S.E.	3		30.10	68	70	68		"	Cirro Nimbs	2	"	
11			E by N.	E by N.	3		30.10	69	70	68		"	"	2	"	
Noon.			"	"	3		30.08	70	70	68		"	Cir. Cumu	3	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ′ ″

Longitude by D. R. at Noon ° ′ ″

Latitude by Observation at Noon ⊙ ° ′ ″

Longitude by Chronometer from Forenoon Observations ⊙ ° ′ ″

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ′ ″

Variation of the Compass by Azimuth ⊙ observed at ° ′ ″

Water expended during the preceding 24 hours 250 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 2450 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.																
1			W.	W.S.W.	2		30.08	70	70	68		b.c.	Cir Cumu Nimb	3	S.	
2			W.S.W.	"	1		30.06	70	70	68		"	"	6	"	
3			E.S.E.	S.S.E.	0-1		30.06	71	70	68		"	"	5	"	
4			S.E.	"	1-2		30.06	71	71	68		"	"	5	"	
5			"	S.E.	1-2		30.05	71	71	68		"	"	5	"	
6			"	"	1-2		30.04	71	71	68		"	"	5	"	
7			S.	S.	1-2		30.03	71	71	68		"	"	5	"	
8			"	"	1-2		30.03	71	71	68		"	"	5	"	
9			S.W.	S.S.W.	1-2		30.05	71	70	68		"	"	4	"	
10			S.S.W.	S.S.E.	1-4		30.03	71	70	68		"	"	1	"	
11			"	"	1-4		30.05	71	70	68		"	"	1	"	
Mid.			"	"	1-4		30.05	71	70	68		"	"	1	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ′ ″

Longitude by Chronometer from Observations * ° ′ ″

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ′ ″

Variation of the Compass by at ° ′ ″

under the command of Commander W. S. Schley, U. S. Navy,

Friday Nov. 22d, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Overcast and pleasant. Light breeze from S. S. E.

Saml. C. Lemly
Ensign

From 4 to 8 AM. Cloudy. Cool. Light airs and calms. John Marble (1.C.T.) returned on board. Received on board fresh beef and vegetables for crew. At 8, crossed royal and topgallant yards.

C. A. Bruns
Midshipman

From 8 AM. to Merid. Clear, cool, and pleasant. Moderate breeze from S. S. E. to E by N. Mustered at quarters at 9.05. Henry Lawrence (1.C.T.) John G. Brown (P.M.) Thos. H. Jones (Corpl. M.C.) W. H. Keeling (Sea.) and Wm. Walker (Sea.) absent without leave. By order of Comdr. Midn. W. G. Hamman was placed under suspension, for neglect of duty. Xavier Funk (P.M.) returned on board.

C. B. T. Moore
Ensign

From Merid. to 4 P.M. Calm and pleasant. Veriable breeze from N. E. by N. to S. E. John G. Brown (P.M.) Thos. H. Jones (Corpl. M.C.) Henry Lawrence 1.C.T. and Wallis Carter (1.C.T.) were brought on board by shore police. Jas. Brown (C.T.C.) returned on board.

C. K. Curtis
Lieut.

From 4 to 8 PM. Clear and pleasant. Light airs from S. E. Barometer falling slowly. Enlisted Thos. Buckley as Ords. General service. for Cruise of the "Essex".

C. B. T. Moore
Ensign

From 8 P.M. to Mid Cloudy. Light breeze from S. S. E. blowing in moderate gusts from off shore. Cir. Cum. trim. clouds.

C. K. Curtis
Lieut.

Moon's phase last qr. Dec 3. 20h

Examined and found to be correct.

Asa Walker,
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

Jamestown Island of St. Helena, and At Sea.

Hour.	Knots.	~~Fathoms~~ Tenths	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1			S. E.	S. S. E.	1.2		30.03	68	68	66		b. c.	Cir. Cumu	8	S.	
2			"	"	1.2		30.02	68	68	66		"	"	8	"	
3			S. S. E.	"	1.2		30.03	68	68	66		"	"	6	"	
4			"	"	1.2		30.03	68	68	66		"	"	6	"	
5			S. E by E.	"	2.4		30.01	68	68	66		"	Cumu. Nim.	1	"	
6			S. S. E.	"	2.4		30.04	67	67	66		"	"	4	"	
7			S. E.	"	2.4		30.06	67	67	66		"	"	3	"	
8			S.	"	2.4		30.06	67	69	68		"	"	5	"	
9			"	"	2.3		30.08	69	70	69	69	"	"	5	"	
10	3	5	N. W. by W.	S. E by S.	2.3		30.08	69	71	69	69	"	"	2	"	
11	1	5	W. N. W.	S. W. by S.	1.2		30.07	70	72	70	70	"	"	1	"	
Noon.	0	6	"	E. N. E.	2		30.07	70	72	70	70	"	"	1	"	

Distance run by Log since preceding Noon — 5 knots 6 tenths ~~fathoms~~.

Latitude by D. R. at Noon — S 15 ° 55 ' "

Longitude by D. R. at Noon — W 5 ° 50 ' "

Latitude by Observation at Noon ⊙ — ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ — ° ' "

Sty 641. Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at — ° ' "

Water expended during the preceding 24 hours — 350 gallons.

Water received during the preceding 24 hours — 800 "

Water remaining on hand fit for use at Noon — 2800 "

Coal consumed during the preceding 24 hours — tons lbs.

Coal remaining on hand at Noon — " "

P. M.																
1	1 2	0 5	W. N. W. W. N. W. ½ W.	S.	4		30.03	70	72	70	70	b. c.	Cumu Nim.	4	S.	Under all plain
2	5	8	"	"	4		30.02	70	71	68	70	"	"	5	"	sail, single reefed
3	5	2	"	S. by E.	4		30.01	70	70	68	70	"	"	2	"	mainsail
4	5	0	"	"	4		30.00	70	70	68	70	"	"	2	"	
5	4	8	"	"	4		30.01	70	70	68	70	"	Cir. Cumu	6	"	Hauled down F. topmast
6	5	0	"	S. S. E.	4		30.00	70	70	68	70	"	"	8	"	staysail.
7	5	0	"	"	4		30.01	68	68	67	70	"	"	7	"	
# 8	5	0	"	"	4		30.01	69	69	67	70	"	"	7	"	
9	5	6	"	"	4		30.02	70	68	67	70	"	"	6	"	All plain sail except
10	5	5	"	"	4		30.05	70	68	67	70	b.	"	0	"	F. topmast staysail.
11	5	7	"	S.	4.5		30.07	70	68	67	70	"	"	0	"	
Mid.	6	2	"	"	4.5		30.07	70	68	66	70	"	"	0	"	

S. 78° 1' W. 6° 30'

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by at — ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Saturday, November 23rd, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant. Light airs from S.S.E.

N. B. T. Moore
Ensign

From 4 to 8 A.M. Cloudy and pleasant. Light to moderate breeze from S.S.E. blowing in puffs. Engaged in making preparations for sea. Jas. Shields (Sh. Cook) W.D. Saddler (C.T.) and Maurice Clark (C. & C.) were brought on board by police. W. H. Rich (Lds) W. C. Robinson (Lds) and Jas. Cook (Ck. Cook) returned on board overtime. At 6.15 W.H. Keeling (Sea) and Wm. Walker (Sea) were brought on board by police, and by order Comdr. were confined on berth deck. Received 800 gals. fresh water.

L. P. Jarrett
Master

From 8 [illegible] At 8.45 called all hands [illegible] topsails, hove up [illegible] and stood out from [illegible] 14 ft. 3½ in. Aft 15 [illegible] Com. Code Signals [illegible] order of Comdr. [illegible] ~~This~~ [illegible] ship without permission & Cox. to Sea. and Jas. [illegible] At 10. Chang[illegible] required by sh[illegible] sail. Secured anchor[illegible] Density 26°.

C. K. Curtis
Lieut

From Me[illegible] 1st. Comr. Min. clouds [illegible] mainsail and se[illegible] sail; on the course Densit[illegible]

L. P. Jarrett
Master

From 4 [illegible] smooth. Ship on course [illegible] ship right between ½ and 2 [illegible] Density [illegible]

Ensign.

From 6 to 8 P.M. [illegible] weather quarter. Density [illegible]

B. T. Moore
Ensign.

At 8.45 W.H. Keeling and Wm Walker (sea) were released from confinement on berth deck: By order of Comdr

By order of Comdg. Officer, the following punishments were awarded Wm. Walker (Sea) leaving ship without permission - Sol. Con. Bread and Water. Thos. G. Roberts, (O.S.) Chas. Beardsley (O.S.) John Hashagan (O.S.) and John Kallenbach (O.S. 2d Cl.) for having late hammocks = 6 hours extra duty each. W. J. Linden (O.S.) for swearing on quarter deck = 24 hours extra duty. John Kenyon (O.S.) for being very slow coming aft to man boat = 12 hours extra duty Wm. Hardie (O.S.) for being drunk on duty = 72 hours extra duty. E. E. Barclay (O.S.) for being out of uniform = 6 hours extra duty. Jas. Gillespie (C.A.G.) Absent without leave = 48 hours extra duty. Michael Wogan (Cox) for overstaying leave and disobeying orders = 48 hours extra duty.

From 8 P.M. to Mid. Overcast and pleasant. Moderate to stiff breeze from S.S.E. or South. Barometer rising slowly. Sea smooth. Ship on course under all plain sail, except Z topmast Staysail. Density sea water 25

C. K. Curtis
Lieut

Moon's phase last qr. Dec. S. 24°

Examined and found to be correct.

A. Walker
Lieut.

Navigator.

under the [redacted], U. S. Navy,

[redacted], 1878.

Commd

[redacted] m S. S. E.
[redacted] B. I. Moore
Ensign
[redacted] m S. S. E.
[redacted] Jas. Shields
[redacted] ht on board
[redacted] (C. Cooks)
[redacted] Wm. Walker
[redacted] n confined

From 4 [redacted]
blowing q
(St. Cook
by pole
Returne
(Sea.) n
on bert

L. P. Jarrett
Master

From 8 [redacted] At 8.45 called all hands up anchor; hove anchor up and down, made sail to topsails, hove up and made all plain sail. At 9, got underway and stood out from St. Helena. Draught forward 13 ft. 7 in. Amds this 14 ft. 3½ in. Aft 15 ft. 10½ in. At 8.50 signal Station on Ladder Hill made Com. Code Signal F. C. S. W. and B. R. D. Answered, and made B. R. D. By order of Comdg. Officer W. H. Keeling ~~was~~ disrated from Sea. to Ords. for leaving ship without permission ~~This date inclusive~~, Michael Woyan ~~was~~ ~~disrated~~ from Cox. to Sea. and Jas. Gillespie from C.A.G. to Sea. all from this date inclusive. At 10, Changed course to W. N. W. Braced around several times as required by shifts of wind. On course W. N. W. under all plain sail. Secured anchors for sea, unbent chains, and paid them below. Density 26°.

C. K. Curtis
Lieut

From Merid. to 4 P.M. Cloudy and pleasant. Moderate breeze from the Sd. Comm. Min. Clouds. At 12.40 changed course to W. N. W. ½ W. At 1. took one reef in mainsail and set the sail. Ship under all plain sail, single reefed mainsail, on the course Density sea water 25°.

L. P. Jarrett
Master

From 4 to 6 P.M. Clear and pleasant. Moderate breeze from S. S. E. Sea smooth. Ship on course W. N. W. ½ W. At 5. hauled down Jr. topmast staysail. St Helena in sight between ½ and 2 points on port quarter.

[redacted]
Ensign.

From 6 to 8 P.M. Clear and pleasant. Moderate breeze from S. S. E. Crew at supper. mustered at quarters. St Helena bearing one point on weather quarter. Density 25.

C. B. I. Moore
Ensign.

From 8 P.M. to Mid. Overcast and pleasant. Moderate to stiff breeze from S. S. E. & South. Barometer rising slowly. Sea smooth. Ship on course under all plain sail, except J. topmast staysail. Density sea water 25°

C. K. Curtis
Lieut

Moon's phase last qr. Dec. S. 24°

Examined and found to be correct.

A. A. Walker
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

En. route from St. Helena, to Monte Video, Uruguay

Hour.	Knots.	Tenths Fathoms	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	7	0	W.N.W. 1/2 W.	S.	5		30.03	70	68	66	70	b.c.	Cum Nimb	1	S.	Ship under all plain sail
2	6	5	"	"	4		30.03	70	68	66	70	"	"	1	"	except fore topmast
3	6	0	"	"	4		30.03	70	68	66	70	"	"	1	"	staysail.
4	6	0	"	"	4		30.03	70	68	66	70	0.	"	0	"	
5	6	0	"	S. by E.	4		30.03	70	68	66	70	"	"	0	"	
6	5	5	"	"	4		30.03	70	68	66	69	b.c.	Cirr Cumr Nimb	1	"	
7	6	0	"	S.S.E.	5		30.03	70	68	66	70	b.c.d.	"	1	"	
8	6	4	"	"	5		30.05	70	68	66	69	b.c.	"	2	"	Same.
9	5	4	"	"	4		30.05	69	69	67	69	"	"	4	"	
10	4	4	"	"	4		30.05	69	70	68	70	"	"	6	"	
11	4	2	"	S.E.	3.4		30.05	69	72	69	70	"	"	6	"	
Noon.	4	7	"	"	3-4		30.03	68	70	68	70	"	"	4	"	

Distance run by Log since preceding Noon 130 knots 4 tenths fathoms.

Latitude by D. R. at Noon S 16 ° 14' 30 "

Longitude by D. R. at Noon W 8 ° 4' " "

Latitude by Observation at Noon ⊙ S 16 ° 7' 20 "

Longitude by Chronometer from Forenoon Observations ⊙ W 8 ° 22' " "

Sq. 641 Current during the time 0 knots 7 ~~fms.~~ tenths per hour setting to the W.N.W.

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at 8 Am. Lat 16° 4' S Lng 8° 3' W. W 24 ° 30' "

Water expended during the preceding 24 hours 350 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 2450 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.																
1	4	4	W.N.W. 1/2 W.	S.S.E.	3-4		30.03	69	72	69	70	b.c.	Cir Cumr Nimb.	3	S.	All plain sail except
2	5	0	"	"	3.4		30.01	69	70	68	70	"	"	3	"	fore topmast stay sail
3	4	5	"	S.	3-4		30.00	68	70	68	71	"	"	2	"	
4	4	2	"	"	3		30.00	68	70	68	71	"	"	8	"	
5	4	4	"	"	3		30.00	68	70	68	71	"	"	8	"	
6	4	6	"	"	3		29.99	68	70	68	70	"	"	5	"	Same
7	4	6	"	"	3		29.98	68	70	68	70	"	"	3	"	
8	4	6	"	S by E.	3		29.98	68	70	68	70	"	"	8	"	
9	4	2	"	"	3		30.01	69	69	67	70	b.c.f.	"	2	"	
10	4	5	"	S.S.E	3		30.01	69	69	67	70	"	"	6	"	Same.
11	5	0	"	S.E.	3.4		30.00	69	69	67	70	"	"	4	"	
Mid.	5	5	"	"	4		30.00	69	69	67	70	b.c.	"	6	"	

S 16° 12'
W 8° 09'

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Sunday, November 24th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy. Cool. Pleasant. Moderate S.W. breeze. Cum. Nimb. clouds. Ship on the course, under all plain sail, except fore topmast staysail. Density sea water 26.

E. P. Jewett
Master

From 4 to 8 AM. Cloudy. Cool. Light drizzling rain third hour. Pleasant remainder of watch. Moderate to stiff breeze from S. by East and S.S.E. Ship on the course N. N. W. ½ W. Density sea water 26

Saml. C. Lindsley
Ensign

From 8 AM. to Merid. Cloudy and pleasant. Moderate to gentle breeze from S.S.E., latter part S.E. On course N. N. W. ½ W. At 10. Condy. Officer inspected ship and crew at quarters; then called all hands to muster and held divine service. Density 26.

C. B. T. Moore
Ensign

From Merid. to 4 PM. Cloudy first part of watch. Clear latter part. Pleasant. Gentle to moderate breeze from S. S. E. to South. Sea smooth. Ship on course N. N. W. ½ W. under all plain sail except fore topmast staysail. Density sea water 26.

A. K. Harris
Lieut.

From 4 to 6. P.M. Clear. Pleasant. Gentle breeze from S. Cir. Cumu. Nimb. clouds. Ship under all plain sail except fore topmast staysail. On the course. Density sea water 26.

E. P. Jewett
Master

From 6 to 8 PM. Cloudy first hour. Clear last hour. Pleasant. Gentle breeze from S. by E. Ship on course N. N. W. ½ W. At sunset mustered at quarters. By order of Comdg. Officer Thos. Buckley, Landsman was rated Seaman from this date inclusive Density sea water 26.

Saml. C. Lindsley
Ensign

From 8 P.M. to Mid. Cloudy & pleasant. Occasional very light passing rain Gentle to moderate breeze from S. S. E. to S.E. On course. Density 26.

C. B. T. Moore
Ensign

Moon's phase 1st qr. Dec S. 26°.

Examined and found to be correct.

Asa Walker.
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

En route from St. Helena, to Monte Video, Uruguay

Hour.	Knots.	Tenths Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	4	2	W.N.W. 1/2 W.	S.E.	B.S		20.00	69	69	67	70	0.	Cir. Cum.	0	S.	All plain sail except fore topmast staysail.
2	4	0	"	"	3		20.01	68	69	67	70	"	"	0	"	
3	2	5	"	"	2.3		20.00	68	69	67	70	"	"	0	"	
4	2	5	"	"	2.3		20.00	68	69	66	70	"	"	0	"	
5	3	0	"	S.	2.3		30.00	68	69	66	70	"	"	0	"	Same.
6	4	0	"	"	3		20.02	68	69	67	70	b.c.	"	1	"	
7	4	5	"	"	4		20.02	68	69	67	70	"	"	1	"	
8	4	4	"	"	3		20.00	68	69	67	70	"	"	1	"	
9	3	6	"	S.E by E.	3		20.00	68	71	69	70	"	"	1	"	Took in flying jib and weather clew of mainsail.
10	4	0	"	"	3		20.01	68	71	69	70	"	"	1	"	
11	4	0	"	S.E by S.	3		20.00	68	71	69	70	"	"	2	"	Set flying jib and weather clew of mainsail.
Noon.	4	5	"	"	3		20.04	68	71	69	70	"	"	3	"	

S16°13' W10°54'

		tenths
Distance run by Log since preceding Noon	102 knots	0 fathoms.
Latitude by D. R. at Noon	S 16 ° 22	"
Longitude by D. R. at Noon	W. 10 ° 6	"
Latitude by Observation at Noon ⊙	S 16 ° 15	"
Sq. 640 Longitude by Chronometer from Forenoon Observations ⊙	W 10 ° 21 ' 30	"
Current during the time 0 knots 7 tenths fms. per hour setting to the	W.NW.	
Variation of the Compass by Amplitude ⊙ observed at Sunrise	° '	"
Variation of the Compass by Azimuth ⊙ observed at	° '	"
Water expended during the preceding 24 hours	350	gallons.
Water during the preceding 24 hours		"
Water remaining on hand fit for use at Noon	2100	"
Coal consumed during the preceding 24 hours	tons	lbs.
Coal remaining on hand at Noon	"	"

P. M.															
1	3	2	W.N.W. 1/2 W.	S.E. by E.	2	30.03	71	73	73	70	b.c.	Cir. Cum.	8	S.	
2	2	3	"	"	2	30.02	71	75	72	70	"	"	8	"	
3	2	0	"	"	1.2	29.99	71	72	69	70	"	"	8	"	
4	2	0	"	"	1.2	29.99	70	71	69	71	"	"	8	"	
5	2	8	"	"	2	30.00	70	71	69	71	"	"	8	"	All plain sail except fore topmast staysail
6	3	0	"	"	2	30.00	71	71	69	71	"	"	8	"	
7	3	0	"	"	2.3	30.00	71	71	69	71	"	"	7	"	Same
8	3	5	"	"	2.3	30.00	71	71	69	71	"	"	4	"	
9	3	6	"	S.E.	3	30.02	71	71	69	71	"	"	2	"	
10	4	0	"	"	3	30.04	71	71	69	70	"	"	7	"	
11	4	2	"	"	3.4	30.06	71	71	69	70	"	"	8	"	Took in spanker, gaff topsail flying jib and weather clew of mainsail.
Mid.	4	0	"	"	3	30.05	71	71	69	70	"	"	9	"	

S16°18' W.10°44'

Longitude by Chronometer from Afternoon Observations ⊙	° '	"
Longitude by Chronometer from Observations *	° '	"
Variation of the Compass by Amplitude ⊙ observed at Sunset	W 20° 15'	"
Variation of the Compass by at	° '	"

under the command of Commander W. S. Schley, U. S. Navy,

Monday, November 25th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Overcast and pleasant. Moderate breeze first part of watch, light latter part from S.E. Sea smooth. Ship on course W.N.W.½W. Density sea water 26.

L. K. Lewis
Lieut.

From 4 to 8 AM. Cloudy. Pleasant. Gentle S'ly breeze. Ship on the course under all plain sail except fore topmast staysail Density sea water 26.

L. P. Jewett
Master

From 8 AM to Mid. Cloudy. warm pleasant. Gentle breeze varying from S.E. by E. to S.E. by S. Ship on the course W.N.W.½W. At 9 Set look in flying jib, and weather clew of mainsail, and at 11 Set them. At 9.15 exercised at general quarters. Cast Brass. Engrs. Div. 45 sec.; Surgeons Div. 1 m. 15 sec.; Powder Div. 1 m. 30 sec.; Nav. Div. 1 m. 30 sec.; 2d Div. 3 m. 50 sea.; 1st Div. 5 m. 40 sec. Secured Engrs. Div. 0 m. 30 sea.; Nav. Div. 1 m. 0 sec.; Powder Div. 2 m. 15 sec.; 2d Div. 6 m. 45 sec.; 1st Div 9 m. 25 sec. Density sea water 26.

Saml. C. Lemly
Ensign

From Mid. to 4 P.M. Clear and pleasant. Light breeze from S.E. by E. On course. At 1.15 Summary court martial convened, at 3.15 Court adjourned. Density 26. Carpenters gang engaged in caulking poop.

C. B. T. Moore
Ensign

From 4 to 6 P.M. Clear. Pleasant. Light breeze from S.E. by E. Sea smooth. Barometer steady. Density sea water 26.

L. K. Lewis
Lieut.

From 6 to 8 P.M. Calm first hour, cloudy last. Gentle S'ly, S.E.'ly breeze. Cir. Cum. Nimb. clouds. At sunset mustered at quarters. At 7.45 moonset. Density sea water 26.

L. P. Jewett
Master

From 8 pm to Mid. Cloudy first hour. Clear remainder of watch. Pleasant. Gentle breeze from S.E. Ship on course W.N.W.½W. At 10.15 took in spanker and gaff topsail. At 10.30 hauled up weather clew of mainsail and hauled down flying jib. Density of sea water 26.

Saml. C. Lemly
Ensign

Moon's phase 1st qr. Dec. 8. 27°.

Examined and found to be correct.

Neal Walker,
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

En-route from St Helena, to Montevideo, Uruguay.

Hour.	Knots.	Leeway. Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	7	4	N.N.W. ½ W.	S.E by S.	1		30.07	70	70	69	70	b.c.	Cirro-Stratus	3	S.	All plain sail except Spanker, gaff
2	1	5	"	"	1		30.00	70	70	69	70	"	"	3	"	topsail. Weather clew of mainsail, fore
3	1	0	"	"	1		30.00	70	70	69	70	"	"	3	"	topmast staysail, and flying jib
4	7	0	"	"	1.2		30.00	70	70	69	70	0.	"	0	"	
5	7	6	"	E.S.E.	1.2		30.00	70	70	70	70	"	"	0	"	
6	3	5	"	"	2		30.00	70	70	70	71	"	"	0	"	All plain sail except fore topmast
7	5	0	"	S.S.E.	3		30.00	70	70	70	71	"	"	0	"	staysail.
8	5	4	"	"	4		30.02	70	70	70	71	"	"	0	"	
9	4	6	"	"	3		30.04	71	72	71	71	b.c.	"	2	"	
10	4	0	"	"	3		30.04	72	73	72	71	"	"	3	"	Same
11	4	1	"	"	3		30.05	72	74	72	71	"	"	2	"	
Noon.	3	6	"	"	3		30.05	72	74	72	71	"	"	2	"	

Distance run by Log since preceding Noon	77 knots	0 Tenths ~~fathoms.~~
Latitude by D. R. at Noon	S. 16 ° 26.	30 "
Longitude by D. R. at Noon	W. 11 ° 41.	"
Latitude by Observation at Noon ⊙	S. 16 ° 26.	20 "
Longitude by Chronometer from Forenoon Observations ⊙	W 11 ° 53.	30 "
Current during the time 0 knots 5 tenths ~~fms.~~ per hour setting to the West		
Variation of the Compass by Amplitude ⊙ observed at Sunrise	°	' "
Variation of the Compass by Azimuth ⊙ observed at 8 AM. Lat. S. 16° 22' Lng W. 11° 36'	W. 24 ° 27.	"
Water expended during the preceding 24 hours	350	gallons.
Water during the preceding 24 hours		"
Water remaining on hand fit for use at Noon	1750	"
Coal consumed during the preceding 24 hours	tons	lbs.
Coal remaining on hand at Noon	"	"

Sq. 640

P. M.															
1	7	5	W.N.W. ½ W.	S. E by E.	3	30.06	77	79	78	71	b.c.	Cirro-Stratus	6	S.	Took in flying jib, jib Spanker, gaff topsail and weather clew of mainsail.
2	7	0	"	"	2	30.05	77	79	78	71	"	"	3	"	
3	1	6	"	"	1.2	30.05	77	76	76	77	"	"	1	"	Square sail except
4	1	6	"	"	1.2	30.04	77	75	75	77	"	"	1	"	weather clew of mainsail,
5	1	6	"	S.S.E.	1	30.03	77	73	73	77	"	"	2	"	flying jib, jib Spanker &
6	1	7	"		1	30.03	77	73	73	77	"	"	6	"	gaff topsail, ~~and weather~~
7	2	5	"	S.	1.2	30.04	77	72	72	71	0.	"	0	"	~~clew of~~ mainsail.
8	1	5	"	"	1.2	30.04	77	72	72	71	"	"	0	"	
9	1	5	"	"	1.2	30.04	77	77	72	71	b.c.	"	6	"	
10	3	0	"	"	3	30.04	77	72	72	71	"	"	8	"	Same.
11	3	4	"	"	3	30.04	71	71	70	70	"	"	9	"	
Mid.	3	2	"	"	3	30.03	71	71	70	70	"	"	9	"	Same.

Longitude by Chronometer from Afternoon Observations ⊙	°	' "
Longitude by Chronometer from Observations *	°	' "
Variation of the Compass by Amplitude ⊙ observed at Sunset	°	' "
Variation of the Compass by at	°	' "

under the command of Commander W. S. Schley, U. S. Navy,

Tuesday, November 26th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy and pleasant; latter part overcast. Light airs from S.E by S. On course N.N.W. ½ W. Density 26.

C. B. T. Moore
Ensign

From 4 to 8 A.M. Overcast and pleasant. Light to moderate breeze from E.S.E. & S.S.E. Swell from S.S.E. Barometer rising slowly. At 7, set weather clew of mainsail, spanker, gaff topsail, and flying jib. Density sea water 26.

L. K. Curtis
Lieut.

8 A.M. to Merid. Cloudy. Warm. Gentle S.E. breeze. Cir. Cum. Nimb. clouds. Ships inspected at quarters, and exercised companies at small arms, and drilled howitzer crew. Ship on course, under all plain sail, except fore topmast staysail. Density sea water 26.

L. P. Jarrett
Master

From Merid. to 4 P.M. Cloudy and warm. Gentle breeze from S.E by E. falling to light air latter part. Ship on course N.N.W. ½ W. At 12.45 took in flying jib, jib, weather clew of mainsail, spanker, and gaff topsail. Density sea water 26.

Sam'l Shirley
Ensign

From 4 to 6 P.M. Cloudy and pleasant. Light airs from S.S.E. On course. At 5 set jib, flying jib, spanker, gaff topsail, and weather clew of mainsail. Density 26. Clouds cir. cum nimb.

C. B. T. Moore
Ensign

From 6 to 8 P.M. Overcast and pleasant. Light airs from South. Sea smooth. At sunset mustered at quarters. Ship on course N.N.W. ½ W. Density sea water 26.

L. K. Curtis
Lieut.

From 8 P.M. to Mid. Clear. Pleasant. Gentle S.S.E. breeze. Cir. Cum. Nimb. clouds. Ship on the course, under all plain sail, except fore topmast staysail. Density sea water 26.

L. P. Jarrett
Master

Moon's phase 1st Qr. Dec S. 25°

Examined and found to be correct.

Asa Walker,
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 7th Rate, 6 Guns,

En-route from St. Helena to Monte Video, Uruguay.

Hour.	Knots.	Tenths ~~Fathoms~~	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	2	8	W.N.W. ½ W.	S.E.	2		30.04	71	71	70	70	b.c.	Cir-Cumulus	1	S	All plain sail except
2	3	5	"	S.S.E.	3-4		30.03	71	71	70	71	0	"	0	"	fore topmast staysail
3	3	4	"	"	2		30.02	71	71	70	71	"	"	0	"	
4	2	5	"	"	2		30.02	71	71	70	71	"	"	0	"	
5	2	9	"	"	2		30.03	71	72	71	71	b.c.	"	2	"	
6	3	2	"	"	2		30.03	71	72	71	71	"	"	3	"	
7	3	0	"	"	2		30.06	70	71	71	71	"	"	3	"	Same
8	3	5	"	"	2-3		30.08	71	72	71	71	0	"	0	"	
9	4	0	"	"	3		30.10	71	73	72	71	"	"	0	"	
10	4	2	"	"	3		30.11	71	74	74	72	"	"	0	"	
11	4	4	"	"	3		30.11	71	74	74	72	"	"	0	"	Same
Noon.	4	0	"	"	3		30.11	72	74	74	72	"	"	0	"	

Distance run by Log since preceding Noon — 67 knots 5 tenths ~~fathoms~~.

Latitude by D. R. at Noon — S 16 ° 33 ' 38 "

Longitude by D. R. at Noon — W. 13 ° 03 ' "

Latitude by Observation at Noon ⊙ — S 16 ° 34 ' 28 "

Longitude by Chronometer from Forenoon Observations ⊙ — W. 13 ° 24 ' "

Current during the time 0 knots 8 tenths ~~fms.~~ per hour setting to the West.

Dy 640 Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at 8 A.M. Lat. S 16° 33' Long. W 13° 7' — W 23 ° 10 ' "

Water expended during the preceding 24 hours — 250 gallons.

Water during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 1500 "

Coal consumed during the preceding 24 hours — tons lbs.

Coal remaining on hand at Noon — " "

P. M.															
1	4	0	W.N.W. ½ W.	S.	3	30.09	72	75	74	72	b.c.	Cir-Cumulus	1	S	All plain sail except
2	3	8	"	"	3	30.08	72	74	73	72	"	"	1	"	fore topmast staysail.
3	3	6	"	"	2-3	30.08	72	74	73	72	"	"	3	"	
4	2	6	"	"	2-3	30.08	72	74	73	72	"	"	4	"	
5	3	0	"	S.E.	3	30.05	72	73	73	72	"	"	6	"	Same
6	3	0	"	"	3	30.05	72	72	72	72	"	"	6	"	
7	3	2	"	S.E. by E.	2-3	30.06	72	72	72	72	"	Cir-Cumu.	2	"	Same.
8	3	3	"	"	2-3	30.07	72	72	71	72	"	"	6	"	
9	3	4	"	"	3	30.09	72	72	71	72	0	"	0	"	
10	3	6	"	"	3	30.09	72	72	71	72	"	"	0	"	
11	3	2	"	"	3	30.09	72	72	71	72	b.c.	"	2	"	Same.
Mid.	3	2	"	"	3	30.09	72	72	71	72	"	"	2	"	

S 16°33' W. 13°03'

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by at — ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Wednesday, November 27th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Overcast. Damp. Pleasant. Light to gentle breeze from S.E. and S.S.E. Ship on course W.N.W.½W. under all plain sail except fm. topmast staysail. Density sea water 27.

Saml. Langley
Ensign

From 4 to 8 AM. Cloudy and pleasant. Light to gentle breeze from S.S.E. Clouds, Cir. Cum. Nimb. On course. Density 27.

C. B. T. Moore
Ensign

From 8 AM. to Mid. Overcast and warm. Gentle breeze from S.S.E. Sea smooth. Barometer steady. At 9.15 inspected at quarters. Exercised as per routine. By order of Comdr. Officer Jas. Hackett (O.S. 2d Cl.) was released from confinement, to remain a prisoner at large, to await action of Comdr. in Chief. By order of Comdr. Geo. Vaughn (Sea) and Ellison Parker (Sea) were given 3 extra mid watches for disobedience of orders. Density sea water 26.

R. K. Lewis
Lieut.

From Mid. to 4 P.M. Cloudy. Warm. Light to gentle breeze from Var. Cir. Cum. Nimb. clouds. Ship on the course under all plain sail, except fm. topmast staysail. Density sea water 26.

E. P. Jouett.
Master

From 4. to 6 P.M. Clear and pleasant. Gentle breeze fm S.E. Ship on course, under all plain sail, except fm. topmast staysail. Density sea water 26.

Saml. Langley
Ensign

From 6. to 8. P.M. Clear and pleasant. Light to gentle breeze from S.E by E. On course. Barometer steady. Density 26. At 6.30 mustered at quarters.

C. B. T. Moore
Ensign

From 8 P.M. to Mid. Cloudy and pleasant. Gentle breeze from S.E. by E. At 8.10 sounded call to Genl. quarters; Time of casting loose as follows. Surgeons Div. 2m. 46sec.; Nav. Div. 3m. 30sec., Engrs. Div 3m. 45sec. Powder Div. 4m. 15sec.; 2d Div. 5m. 15sec., 1st Div. 8m. 30sec. Secured in 6m. On course. Density sea water 26. By order of Comd'g Officer, Wm Walker, (Sea) was released from confinement.

R. K. Lewis
Lieut

Moon's phase 1st qr Dec S. 23°.

Examined and found to be correct.

Asa Walker,
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 2d Rate, 6 Guns,

En route from St. Helena to Monte Video, Uruguay

Hour.	Knots.	Tenths	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	3	8	W. N. W. ½ W.	S. E.	3		30.09	72	72	71	72	b.c.	Cirro-Cumulus	1	S.	All plain sail, except fore topmast staysail.
2	4	0	"	"	3		30.05	72	72	71	72	0.	"	0	"	
3	4	0	"	"	3		30.05	72	72	71	72	"	"	0	"	
4	4	6	"	"	4		30.05	72	72	71	72	b.c.	"	2	"	
5	5	6	"	"	4		30.04	72	72	71	73	0.	"	0	"	
6	5	5	"	"	4		30.03	72	72	71	73	b.c.	"	1	"	Same
7	3	5	"	"	1.2		30.05	72	72	72	73	0.	"	0	"	
8	3	0	"	"	3		30.05	72	72	72	73	"	"	0	"	
9	4	2	"	"	3		30.07	72	73	73	73	"	"	0	"	
10	4	0	"	"	3		30.08	72	74	74	73	"	"	0	"	Same
11	3	4	"	"	2.3		30.08	72	75	72	73	"	"	0	"	
Noon.	3	6	"	"	2.3		30.08	72	74	71	73	"	"	0	"	

Sq. 640

8 16° 42' W. 15°

Distance run by Log since preceding Noon: 89 knots 7 tenths ~~fathoms~~.

Latitude by D. R. at Noon: S. 16° 43' "

Longitude by D. R. at Noon: W. 14° 57' "

Latitude by Observation at Noon ⊙: ° ' "

Longitude by Chronometer from Forenoon Observations ⊙: W. 15° 8' "

Sq. 639 Current during the time 0 knots 5 ~~fms.~~ tenths per hour setting to the W.

Variation of the Compass by Amplitude ⊙ observed at Sunrise: ° ' "

Variation of the Compass by Azimuth ⊙ observed at 8 AM. Lat. S. 16°42' Long. W. 14°52': W 22° 50' "

Water expended during the preceding 24 hours: 250 gallons.

Water during the preceding 24 hours: "

Water remaining on hand fit for use at Noon: 1250 "

Coal consumed during the preceding 24 hours: tons lbs.

Coal remaining on hand at Noon: " "

P. M.															
1	3	0	W. N. W. ½ W.	S. E.	3	30.08	73	76	73	73	0	Cirro-Cumulus	0	S.	All plain sail except fore topmast staysail.
2	3	0	"	E. S. E.	3	30.06	74	76	74	74	"	"	6	"	
3	3	4	"	S. E by E.	3	30.05	74	75	74	74	b.c.	"	1	"	
4	3	0	"	S. E.	3	30.04	73	74	72	74	0	"	0	"	
5	4	6	"	S. S. E.	3.4	30.04	72	73	71	73	b.c.	"	2	"	
6	4	5	"	"	3	30.04	72	72	70	73	"	"	4	"	Same.
7	2	5	"	"	2.3	30.05	72	72	70	73	0 p.d.	"	0	"	
8	3	5	"	"	2.3	30.04	72	72	70	73	"	"	0	"	Same.
9	3	5	"	"	2.4	30.04	71	70	69	73	0. p.	"	0	"	
10	3	8	"	"	3	30.06	71	70	69	8	"	"	0	"	
11	3	8	"	"	3	30.06	71	70	69	73	0	"	0	"	
Mid.	3	2	"	"	3	30.10	71	71	70	73	0	"	0	"	Same.

8 16° 46' W. 15° 31'

Longitude by Chronometer from Afternoon Observations ⊙: ° ' "

Longitude by Chronometer from Observations *: ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset: ° ' "

Variation of the Compass by at: ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Thursday, November 28th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy. Cool. Pleasant. Gentle breeze from S.E. Cir. Cumu. Nimb. clouds. Ship on the course, under all plain sail except fore topmast staysail. Density sea water 26.

E. P. Jarrett
Master

From 4 to 8 A.M. Overcast and pleasant. Moderate to light breeze from S.E. On the course under all plain sail except fore topmast staysail. Density sea water 26.

Saml. C. Lindsey
Ensign

From 8 A.M. to Mid. Overcast and pleasant. Light to gentle breeze from S.E. On course. At 9.15 inspected at quarters. Exercised Co. B. at single sticks. Density 26.

C. B. T. Moore
Ensign

From Mid. to 4 P.M. Overcast and pleasant. Gentle breeze from S.E. to E.S.E. Barometer falling slowly. Sea smooth. On course. At 1.20 called all hands to muster and read proceedings ~~and~~ findings, and sentence of Summary Court Martial, in the case of J. B. Shirley (O.S. 2861) convened by order of Comdg. Officer. Specification. Refusing to obey the orders of his Superior Officer, and insolent in manner and language to him. Specification proven in part. Sentence by Court, Solitary confinement in single irons on bread and water for 15 days, full rations every fifth day, and extra police duty for 3 months. Sentence Approved by Comdr. and remitted to solitary confinement in single irons for 7 days, on bread and water, with full ration every other day, and extra police duty for 15 days. Density sea water 26.

C. K. Lewis
Lieut.

From 4 to 6 P.M. Cloudy. Pleasant. Gentle S.S.E. breeze. Cir. Cumu. Nimb. clouds. Ship on the course, under all plain sail except fore topmast staysail. Density sea water 26.

E. P. Jarrett
Master

From 6 to 8 P.M. Overcast with drizzling rain. Light to gentle breeze from S.S.E. On the course, under all plain sail except fore topmast staysail. At sunset mustered at quarters. Density sea water 26.

Saml. C. Lindsey
Ensign

From 8 P.M. to Mid. Overcast and pleasant. occasional passing rain. Light to moderate breeze from S.S.E. On course. Barometer steady. Density 26.

C. B. T. Moore
Ensign

Moon's phase 1st qr. Dec 8. 19°

Examined and found to be correct.

Chas Walker,
Lt

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

En-route from St Helena to Montevideo, Uruguay.

Hour.	Knots.	Tenths Fathoms	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	3	8	W.N.W. 1/2 W	S.	3		30.04	71	71	71	73	0.	Comm. Nimbs	0	S	All plain sail to T.G.sls. with
2	3	5	"	S.S.W.	3.5		30.03	71	71	70	73	o.p.	"	0	"	J.& T. topmast staysail and
3	3	8	"	"	3		30.01	71	71	69	73	0	"	0	"	Spanker.
4	3	6	"	S.S.E.	3		30.00	71	71	69	73	"	"	0	"	
5	3	5	"	S.E.	4		30.00	71	71	69	73	"	"	0	"	
6	4	0	"	"	2.3		30.04	71	71	70	73	"	"	0	"	Set royals and goff topsail.
7	3	8	"	"	3		30.04	71	71	70	73	"	"	0	"	
8	4	6	"	"	4		30.04	71	71	70	73	b.c.	"	2	"	
9	4	2	"	"	3		30.05	71	72	71	73	"	"	1	"	
10	3	8	"	"	3		30.02	72	72	72	73	"	Cir. Comm Nimbs	7	"	Took in J.T.G.sl. and royal - Set them.
11	3	5	"	"	3		30.03	72	74	72	73	b.c.p.d.	"	3	"	Hauled down J. topmast staysail
Noon.	3	2	"	"	2		30.04	72	74	72	73	b.c.	"	3	"	

Distance run by Log since preceding Noon	85 knots	8	Tenths ~~fathoms.~~
Latitude by D. R. at Noon	S 16°	51'	"
Longitude by D. R. at Noon	W 16	37'	"
Latitude by Observation at Noon ⊙	S. 16	48'	"
Longitude by Chronometer from Forenoon Observations ⊙	W. 16	48'	"
Current during the time 0 knots 5 ~~fms.~~ tenths per hour setting to the W.N.W. 1/2 W.			
Variation of the Compass by Amplitude ⊙ observed at Sunrise			"
Variation of the Compass by Azimuth ⊙ observed at 8 A.M. Lat S. 16° 47' Long W. 16° 42'	W. 22	30'	"
Water expended during the preceding 24 hours	250 gallons.		
Water during the preceding 24 hours			"
Water remaining on hand fit for use at Noon	1000		"
Coal consumed during the preceding 24 hours	tons		lbs.
Coal remaining on hand at Noon	"		"

Sgv. 639

P. M.												
1	2	6	W.N.W. 1/2 W.	S.E.	2	30.02	73	75	75	74	o.p.	Cir. Comm Nimbs	0	S	
2	2	2	"	S. & by E.	1.2	30.00	73	74	73	74	"	"	0	"	
3	1	8	"	"	1.2	30.00	73	74	73	74	b.c.	"	6	"	
4	2	0	"	"	1.2	29.99	73	74	73	74	"	"	6	"	
5	2	8	"	"	2	29.99	73	74	73	74	"	"	1	"	All plain sail with jib.
6	3	6	"	"	3	30.00	72	73	72	74	"	"	1	"	
7	3	5	"	S.S.E.	3	30.00	73	73	72	74	o.	Comm Nimbs	0	"	Took in Spanker & gaff topsail
# 8	1	8	"	E.S.E.	1.2	30.02	73	73	72	74	o.d.	"	0	"	
9	2	5	"	"	2.3	30.03	73	73	72	74	o.p.d.	"	0	"	Took in Mainsail.
10	3	3	"	S.E.	2.3	30.07	73	73	72	74	0	"	0	"	Set lee clews of Mainsail
11	3	0	"	S. & by E.	3	30.05	73	73	72	73	b.c.	"	6	"	
Mid.	3	4	"	E.S.E.	3	30.04	73	73	72	73	"	"	2	"	

8 165 miles

Longitude by Chronometer from Afternoon Observations ⊙	°	'	"
Longitude by Chronometer from Observations *	°	'	"
Variation of the Compass by Amplitude ⊙ observed at Sunset	°	'	"
Variation of the Compass by at	°	'	"

under the command of Commander W. S. Schley, U. S. Navy,

Friday, November 29th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Overcast and pleasant. Gentle breeze from S.S.W. to S.S.E. At 1.45 took in royals, gaff topsail, and flying jib. Hoisted fore topmast staysail. Barometer falling slowly. Sea smooth. Density sea water 26. By order of Comdr. Geo. Vaughan (Ord) and E. Parker (Eds) detailed as midshipmen for punishment.

L. K. Lewis
Lieut.

From 4 to 8 AM. Overcast. Cool. Pleasant. Gentle to moderate breeze from S.E. Comm. Mimb. clds. At 5.30 set royals and gaff topsails. On the course. Density sea water 26.

L. P. Jouett
Master

From 8 AM. to Mid. Partially clear. Warm. Passing showers third hour. Gentle to light breeze from S.E. Ship on course W.N.W. ½ W. At 8.50 Starboard fore topgallant sheet carried away. Took in fore topgallant sail and royal. At 9.10 set them. At 9.15 Exercised at fire quarters. Exercised boarders of Nav. and 2d Division at target practice, with pistols. Those of the 1st Div. at pistol drill. At 10.45 hauled down fore topmast staysail. By order of the Comdg. Officer Jas. O'Donnell (1.C.T.) and Jeremiah Donovan (2.C.T.) were confined in double irons, for fighting. Density sea water 26.

Saml. Lemly
Ensign

From Mid. to 4 P.M. Overcast and light passing rain latter part. Clear and pleasant. Light airs to light breeze from S. by E. At 2 called away all boats, armed and equipped. Comdg. Officer inspected arms and equipments. Density 26. On course.

C. B. T. Mayo
Ensign

From 4 to 6 P.M. Cloudy and pleasant. Light to gentle breeze from E.S.E. and S.S.E. Barometer rising slowly. Sea smooth. On course. Density sea water 26.

L. K. Lewis
Lieut.

From 6 to 8 P.M. Overcast. Drizzling rain last hour. Gentle breeze from S.E. falling light and shifting to E.S.E. towards end of watch. Comm. Mimb. clouds. At sunset mustered at quarters, At 6.40 took in spanker and gaff topsail. Density sea water 26.

L. P. Jouett
Master

From 8 P.M. to Mid. Cloudy. Drizzling rain ~~first~~ two hours. Light to gentle breeze varying from S.E. to E.S.E. On the course W.N.W. ½ W. At 8.20 took in mainsail. At 9.15 set lee clew of mainsail. Density sea water 26.

Saml. Lemly
Ensign

Moon's phase 1st qr dec. 14° S.

Examined and found to be correct.

Asa Walker
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

En-route from St. Helena, to Monte Video, Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	3	6	W.N.W.½W.	S.E.by E.	2.3		30.02	73	72	71	73	b.c.	Cirro Cumulus	4	S.	all plain sail except Fly.
2	3	4	"	"	2.3		29.99	73	72	71	73	"	"	4	"	jib & T. staysail, spanker, gaff
3	3	4	"	"	2.3		29.99	73	72	71	73	"	"	4	"	topsail. N. clew of mains'l
4	3	2	"	"	2.3		29.99	73	72	71	73	"	"	4	"	
5	3	5	"	S.S.E.	3		29.99	73	72	71	73	"	"	1	"	jib and all plain square sail
6	3	6	"	E.	3		30.01	72	72	71	73	"	"	4	"	
7	3	6	"	"	3		30.00	72	72	71	73	"	"	0	"	
#8	2	4	"	S.S.E.	3		30.02	72	73	72	73	"	"	0	"	
9	3	6	"	S.S.E	3		30.03	72	73	72	74	"	"	0	"	All square sail and
10	2	8	"	"	3		30.03	73	73	72	74	"	"	0	"	jib.
11	3	4	"	"	3		30.03	74	74	73	74	b.c.	"	1	"	
Noon.	3	6	"	"	2.3		30.03	74	75	74	74	"	"	4	"	

S 16° 58'
W. 18° 2'

Distance run by Log since preceding Noon	72 knots 9 ~~fathoms~~ tenths
Latitude by D. R. at Noon	S 16 ° 55' "
Longitude by D. R. at Noon	W. 18 ° 4' "
Latitude by Observation at Noon ⊙	S. 16 ° 58' "
Longitude by Chronometer from Forenoon Observations ⊙	W. 18 ° 16' "
Current during the time 0 knots 5 ~~fms.~~ tenths per hour setting to the W. SW. ½ W.	Sq. 639
Variation of the Compass by Amplitude ⊙ observed at Sunrise	° ' "
Variation of the Compass by Azimuth ⊙ observed at 10 Am Lat. S. Lng. W.	° ' "
Water expended during the preceding 24 hours	250 gallons.
Water during the preceding 24 hours	"
Water remaining on hand fit for use at Noon	750 "
Coal consumed during the preceding 24 hours	tons lbs.
Coal remaining on hand at Noon	" "

P. M.															
1	0	8	W.N.W.½W.	E.	2	30.02	74	78	76	74	b.c.	Cirro Cumulus	3	S.	Jib spanker and gaff to sail.
	1	8	W.N.W.¼W.												
2	2	0	"	"	2	30.03	74	78	76	75	"	"	1	"	all plain sail except flying jib & fore topmast
3	2	0	"	"	2	30.03	74	78	76	75	"	"	2	"	Staysail.
4	2	2	"	"	2	30.04	74	78	76	75	"	"	2	"	
5	2	6	"	"	2	30.02	74	75	75	75	"	"	8	"	
6	2	6	"	"	2	30.03	74	77	76	75	"	"	8	"	
7	3	0	"	E.S.E.	2	30.04	74	75	74	74	"	"	4	"	Same.
#8	3	2	"	E.	2	30.04	74	74	73	74	"	"	5	"	
9	3	0	"	"	3	30.05	74	74	73	74	b	"	0	"	
10	2	6	"	"	2.3	30.06	74	74	73	74	"	"	0	"	
11	2	3	"	"	2	30.06	74	74	73	74	"	"	0	"	Same.
Mid.	3	2	"	"	3	30.06	74	74	73	74	"	"	0	"	

S 16° 58'
W. 18° 3'

Longitude by Chronometer from Afternoon Observations ⊙	° ' "
Longitude by Chronometer from Observations *	° ' "
Variation of the Compass by Amplitude ⊙ observed at Sunset	° ' "
Variation of the Compass by at	° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Saturday November 30th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy and pleasant: occasional very light passing rain. Light to gentle breeze from S.E. by E. On course - Density 26.

C. B. T. Moore
Ensign

From 4 to 8 A.M. Cloudy and pleasant - Gentle breeze from East and C.S.S. Barometer rising slowly. Sea smooth. On course - Density sea water 26 - At 6, started fires in two boilers for the purpose of distilling

C. K. Curtis
Lieut.

From 8 A.M. to Mid. Cloudy - Warm. Gentle breeze from E.S.E. Cir. Cum. Nimb. clouds. Ship on the course, under all sail and jib Fires banked in two boilers - Distilling.

L. P. Jarrett
Master

From Mid. to 4 P.M. Cloudy, warm, and pleasant. Light breeze from S.E. At 12.05 set spanker and gaff topsail - At 12.15 changed course to W.N.W. 1/4 W. Density sea water 26. Fires banked in two boilers - Distilling.

Jas. C. Gridley
Ensign

From 4 to 6 P.M. Clear and pleasant. Light breeze from East. Fires banked in two boilers. Distilling - Density 26.

C. B. T. Moore
Ensign

From 6 to 8 P.M. Cloudy and pleasant. Light breeze from South and S.S.E. Barometer steady - Sea smooth - At 6.30 mustered at quarters - Density sea water 26. Distilling

C. K. Curtis
Lieut

From 8 P.M. to Mid. Overcast. Pleasant. Gentle E.S.E. breeze - Cir. Cum. Nimb. clouds. Obscured moonlight. Moon set at 11.40 - Fires banked in two boilers. Distilling - Density sea water 26.

L. P. Jarrett
Master

Moon's phase 1st qr dec S. 9°

Examined and found to be correct.

A. A. Walker
Lieut

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

En-route from St Helena, to Monte Video, Uruguay.

Hour.	Knots.	Miles Passed	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 16ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	3	2	N.N.W. ¼W.	E.	3		30.02	74	74	73	74	b.c.	Cir. Cirro Strats.	1	S.	All plain sail except fly.
2	3	2	"	"	3		30.05	74	74	73	75	0.	"	0	"	jib and fore topmast
3	2	8	"	"	2		30.03	74	74	73	75	"	"	0	"	staysail.
4	2	0	"	E by S.	2		30.02	74	74	73	75	"	"	0	"	
5	2	3	"	"	2		30.04	73	74	73	75	b.c.	"	2	"	
6	3	5	"	"	2.3		30.06	73	74	73	75	"	Cir. Cum.	4	"	
7	4	2	"	"	2.3		30.07	73	74	73	74	"	"	4	"	
8	4	0	"	"	2.3		30.07	73	74	73	74	"	"	7	"	
9	4	5	"	"	3		30.09	74	76	74	74	"	"	8	"	All plain sail except
10	4	8	"	E by N.	3		30.09	75	77	75	74	"	"	6	"	fore topmast staysail.
11	5	0	"	"	4		30.10	75	78	76	75	"	"	4	"	
Noon.	5	0	"	E.N.E.	4		30.10	75	79	76	75	"	"	5	"	

Distance run by Log since preceding Noon	75	knots	0	tenths fathoms.
Latitude by D. R. at Noon	S 17	°	2	' "
Longitude by D. R. at Noon	W. 19	°	34	' "
Latitude by Observation at Noon ⊙	S 17	°	8	' 20 "
Longitude by Chronometer from Forenoon Observations ⊙	W 19	°	41	' 30 "
Current during the time 0 knots 4 ~~fms.~~ tenths per hour setting to the SW ¼W				
Sep 639 Variation of the Compass by Amplitude ⊙ observed at Sunrise		°		' "
Variation of the Compass by Azimuth ⊙ observed at 8 AM. Lat. S. 17°7' Long W. 19°21'	W, 20	°	35	' "
Water expended during the preceding 24 hours	2 50	gallons.		
Water Condensed during the preceding 24 hours	8 50	"		
Water remaining on hand fit for use at Noon	1350	"		
Coal consumed during the preceding 24 hours	tons		lbs.	
Coal remaining on hand at Noon	"		"	

P. M.														
1	4	0	W.N.W.	E.N.E.	4	30.08	75	78	76	75	b.c.	Cir. Cum	5	S. All plain sail except
2	4	2	"	"	4	30.07	75	78	76	75	"	"	3	" fore topmast staysail
3	4	0	"	"	4	30.06	75	78	76	75	"	"	3	"
4	4	2	"	E.	4	30.05	75	78	76	75	"	"	3	"
#5	4	2	"	"	4	30.05	75	78	76	75	0	"	0	"
6	4	0	"	E by S.	4	30.02	75	78	76	75	b.c.	"	1	" Same.
7	3	8	"	"	2.3	30.07	75	76	75	75	"	"	2	"
#8	3	8	"	"	2.3	30.08	76	77	75	75	"	"	2	" Same
9	4	8	"	"	3	30.11	76	77	76	75	0	"	0	"
10	4	5	"	"	3	30.11	76	76	74	75	b.c.	"	1	"
11	4	0	"	"	3	30.11	75	75	74	75	0	"	0	" Same.
Mid.	3	0	"	S.E. by E.	2	30.10	74	74	73	75	"	"	0	"

Longitude by Chronometer from Afternoon Observations ⊙			' "
Longitude by Chronometer from Observations *			' "
Variation of the Compass by Amplitude ⊙ observed at Sunset			' "
Variation of the Compass by at			' "

under the command of Commander H. S. Schley, U. S. Navy,

Sunday, December 1st, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Overcast. Pleasant. Gentle to light breeze from E. and E by S. On the course. N.N.W & W. Fires banked in two boilers. Av. steam pressure 30 lbs. Distilling.

Edward Longley
Ensign

From 4 to 8 AM. Clear and pleasant. Light to gentle breeze from E by S. On course. Fires banked in two boilers. Distilling. Density 26.

C. B. T. Moore
Ensign

From 8 AM. to Merid. Cloudy and pleasant. Gentle to moderate breeze from E by S. to E.N.E. Sea smooth. On course. At 9 45 had divisional inspection. At 10 Cond'g. Officer inspected ship and crew at quarters; afterwards all hands were called to muster, "articles for better government of navy," and prayers were read, and crew mustered. Set the flying jib. By order of Cond'g. Officer Jas. O'Donnell (1 C.T.) and Jeremiah Donovan (2 C.T.) were released from confinement and returned to duty. Corporal Patrick Connolly (M.C.) reported his term of enlistment in the Marine Corps as having expired. Fires banked in two boilers. Distilling. Density sea water 26.

L. K. Curtis
Lieut.

Merid. to 4 P.M. Cloudy. Warm. Moderate E.N.E. breeze, shifting to E at end of watch. Cir. Cumn. clouds. Ship on the course under all plain sail, except fore topmast staysail. Fires banked in two boilers. Distilling. Density sea water 26. Changed course to W.N.W. at 12, M.

E. P. Jewett
Master

From 4 to 6 P.M. Cloudy. pleasant. Moderate breeze from E. and E by S. On the course W.N.W. Fires banked in two boilers. Distilling. Density sea water 26.

Edward Longley
Ensign

From 6 to 8 P.M. Cloudy and pleasant. Light to gentle breeze from E by S. On course. Distilling. Density 26

C. B. T. Moore
Ensign

From 8 P.M. to Mid. Cloudy and pleasant. Light to gentle breeze from E by S. to E by S. On course W.N.W. Fires banked in two boilers. Distilling. Density 26.

L. K. Curtis
Lieut.

Moon's phase 2d qr. Dec S. 4°

Examined and found to be correct.

Asa Walker,
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

En-route from St Helena, to Monte Video, Uruguay.

Hour.	Knots.	Knots run this Watch.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	3	4	W.N.W.	S.by E	4		30.10	74	74	73	75	b.c.	Cir. Cumi.	2	S.	All plain sail
2	4	2	"	"	4		30.16	74	74	73	75	"	"	8	"	except fore topmast
3	4	2	"	"	4		30.06	74	74	73	75	o.d.	"	0	"	staysail.
4	4	5	"	"	4		30.06	74	74	73	75	o.r.	"	0	"	
5	5	8	"	E.	4.5		30.06	74	74	73	75	o.p.q.	"	0	"	Took in Spanker and gaff topsail.
6	6	5	"	E by S.	4.5		30.04	74	74	73	75	b.c.p.q.	"	2	"	
7	6	5	"	E.	5		30.05	74	74	73	76	o	"	0	"	
8	6	3	"	"	5		30.07	74	74	73	76	"	"	0	"	Set spanker and gaff topsail.
9	6	4	"	"	4.5		30.10	74	75	73	76	b.c.	"	2	"	
10	4	0	"	"	4		30.10	75	77	73	76	"	"	3	"	
11	Firing at target	Firing at target	"	"	4		30.16	75	77	72	76	"	"	2	"	Under all plain sail except
Noon.	4	6	W.N.W.	"	3-4		30.10	75	77	72	76	"	"	2	"	fly. jib & F.M. Staysail.

Distance run by Log since preceding Noon: 104 knots 9 ~~fathoms.~~ tenths

Latitude by D. R. at Noon: S 17 ° 3 ′ " "

Longitude by D. R. at Noon: W. 21 ° 31 ′ " "

Latitude by Observation at Noon ⊙: S 17 ° 11 ′ 36 "

Longitude by Chronometer from Forenoon Observations ⊙: W. 21 ° 40 " "

Current during the time 0 knots 5 ~~fms.~~ tenths per hour setting to the S.W.

Sq. 638. Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ′ "

Lat. S. 17°10
Variation of the Compass by Azimuth ⊙ observed at 8 A.M. Long. W. 21°24 W. 20 ° 5 ′ "

Water expended during the preceding 24 hours 250 gallons.

Water Condensed during the preceding 24 hours 1000 "

Water remaining on hand fit for use at Noon 2100 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.														
1	4	5	W.N.W.	E.	3-4	30.10	76	78	75	76	o	Cir. Cumi.	0	S. Under all plain sail
2	5	0	"	E.N.E.	4	30.08	75	76	74	76	"	"	0	" except fly. jib & F.M.
3	3	5	"	E by N.	3	30.07	75	77	75	76	"	"	0	" Staysail.
4	4	0	"	E.	3	30.06	76	78	75	76	b.c.	"	1	"
5	4	0	"	"	4	30.06	76	78	75	76	"	"	6	"
6	4	8	"	"	4	30.06	76	78	75	76	"	"	6	" Same.
7	5	2	"	E by S.	4	30.04	76	78	75	76	"	"	1	"
8	4	8	"	"	4	30.03	76	78	75	76	"	"	2	" Same.
9	4	8	"	"	3-4	30.09	76	76	73	75	"	Cir. Cumi.	5	"
10	4	8	"	"	3-4	30.10	75	76	73	75	"	"	5	" Hauled up Mainsail.
11	5	0	"	E.S.E.	3-4	30.10	75	76	73	75	"	"	5	"
Mid.	4	8	"	"	3-4	30.10	75	76	73	75	"	"	5	"

S. 17°10′ W. 22°17′

Longitude by Chronometer from Afternoon Observations ⊙ ° ′ "

Longitude by Chronometer from Observations * ° ′ "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ′ "

Variation of the Compass by at ° ′ "

under the command of Commander H. L. Schley, U. S. Navy,

Monday, December 2d, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Cloudy. Rainy latter part of watch. Cir. Cumu. Nimb. clouds. Moderate breeze from S.E. by E. Ship under deep plain sail except fore topmast staysail. On the course. Fires banked in two boilers. Distilling. Density sea water 26.

L. P. Jarrett
Master

From 4. to 8 AM. Overcast. Squally and rainy first two hours. Pleasant remainder of watch. Moderate to stiff breeze from E. and E by S. Ship on course W.N.W. At 4.45 took in spanker and gaff topsail. At 7.40 set them. Fires banked in two boilers. Distilling. Density sea water 26.

Jno. C. Soley
Ensign

Fr... Called all hands ... 3, fire q. 4h 43m 30sec. Sounded ... h. m. sec. 47. 30. Powder q. 4h 47m 45sec brought by the wind at ... cured, and made ...ing.

C. B. T. Moore
Ensign

...E.N.E. to East. Sea ...nked in two boilers.

C. K. Curtis
Lieut

...Nimb clouds. Ship on ...nd flying jib. Fires ...

L. P. Jarrett
Master

...course W.N.W. At sunset ...water 26.

Jno. C. Soley
Ensign

...E by S. latter part E.N.E.

C. B. T. Moore
Ensign

Fr... Expended at target practice, ordnance stores, as follows;

Two (2) XI in 5" shells in Zones loaded & fuzed

One (1) " " " " " " " " Crane

Six (6) II in 5" shells " " " "

Three (3) 60 pdr " " " " " " "

Forty four (44) lbs powder cannon in 15 lbs. bags.

Sixty (60) " " " " 10 " "

Eighteen (18) " " " " 6 " "

Three (3) Cartridge bags 15 lbs.

Six (6) " " 10 "

Three (3) " " 6 "

Fifty (50) Primers, cannon, quill.

Asa Walker
Lieut.

...sity 26. Distilling. Barometer ...

Fr... Cir. Cum...

Moon's phase 2d qr Dec N. 2°

Examined and found to be correct.

Asa Walker
Lieut.

Navigator.

, U. S. Navy,

, 1878.

: Cum. Nimb. clouds.
ast staysail. On the course.

L. P. Jarrett
Master

leasant remainder of
W.N.W. At 4.45 took in
two boilers.

Sam'l Sturdy
Ensign

From 8 a.m. to Mid. Cloudy and pleasant. Stiff to gentle breeze from E. Called all hands clear ship for action. Took in furled Royals & Flyb. & closed up the sails. Took in Jib & Jib topsail. Laid aloft q. 37. 15. all ready main q. 43 m, fore q. 43 m 30 sec. Sounded to general quarters at q. 45 m 20 sec. ready Engrs. Div. q. 46 m. 2d Div. q. 47 m 30 sec. Powder q. 47 m 45 sec. Nav. Div q. 47 m 55 sec. 1st & 2d Div. q. 55 m 20 sec. Put over target at q. 55; brought by the mind at 10.02. At 10.15 commenced firing at target. At 11.10 secured, and made sail. On course W.N.W. Barometer Cloudy. Density 26. Distilling.

C. B. T. Moore
Ensign

Mid. to 4 P.M. Cloudy and pleasant. Gentle to moderate breeze from E.N.E. to East. Sea smooth. Barometer falling slowly. On course W.N.W. Fires banked in two boilers. Distilling. Density 26

C. K. Curtis
Lieut

From 4 to 6 P.M. Clear. Pleasant. Moderate E.by.S. breeze. Cir. Cum. Nimb. clouds. Ship on the course under all plain sail except fore topmast staysail, and flying jib. Fires banked in two boilers. Distilling. Density sea water 26.

L. P. Jarrett
Master

From 6 to 8 P.M. Cloudy. pleasant. Moderate breeze from E. by S. Ship on course W.N.W. At sunset mustered at quarters. Fires banked in two boilers. Distilling. Density sea water 26.

Sam'l Sturdy
Ensign

From 8 P.M. to Mid. Cloudy pleasant. Gentle to moderate breeze from E. by S. latter part E.S.E. Cir. Cum. clouds. At 9 hauled out Mizen gaff. Density 26. Distilling. Barometer steady.

C. B. T. Moore
Ensign

Moon's phase 2d qr Dec N. 2°

Examined and found to be correct.
Asa Walker
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

En-route from St. Helena to Montevideo, Uruguay.

Hour.	Knots.	Tenths Fathoms	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	4	6	W. N. W.	Ely S	4		30.09	75	76	73	76	b.c.	cir. cum	4	S.	All plain sail except F. J. M.
2	5	0	"	"	4		30.09	75	76	73	76	"	"	4	"	Staysail and fly. jib
3	5	5	"		4		30.05	75	76	73	76	"	"	3	"	
4	5	8	"	E. S. E.	4		30.04	75	76	73	76	"	"	1	"	
5	5	4	"	E.	4		30.04	75	75	73	76	"	"	1	"	
6	5	4	"	"	4		30.04	75	75	73	76	"	"	3	"	Set mainsail
7	4	8	"	"	4		30.06	75	75	74	76	"	"	2	"	
~~8~~	4	2	"	"	4		30.08	75	75	74	76	"	"	1	"	
9	4	0	"	Ely S.	3.4		30.09	75	75	74	76	o.p.	Cum. Nims	1	"	All plain sail except
10	4	5	"	E.	4.5		30.09	75	75	74	76	o.	"	0	"	fly. jib & F. J. M. Staysail.
11	5	5	"	"	5		30.08	75	75	74	76	"	"	0	"	
Noon.	6	2	"	"	4.6		30.09	75	75	74	76	b.c.	"	2	"	

S 17° 13' W 24° 27'

Distance run by Log since preceding Noon	115 knots	3	Tenths ~~fathoms~~.
Latitude by D. R. at Noon	S 17 ° 2 '		"
Longitude by D. R. at Noon	W 23 ° 40 '		"
Latitude by Observation at Noon ⊙	S 17 ° 14 '		"
Longitude by Chronometer from Forenoon Observations ⊙	W 23 ° 48 '	20	"
Current during the time 0 knots 6 ~~fms~~ tenths per hour setting to the Sudy S.			
Variation of the Compass by Amplitude ⊙ observed at Sunrise	° '		"
Variation of the Compass by Azimuth ⊙ observed at 10 a.m. Lat 8 17° 13' Long W 23° 38'	W 18 ° 15		"
Water expended during the preceding 24 hours	2 50		gallons.
Water Condensed during the preceding 24 hours	900		"
Water remaining on hand fit for use at Noon	2750		"
Coal consumed during the preceding 24 hours	tons		lbs.
Coal remaining on hand at Noon	"		"

Sq. 638

P. M.													
1	4	6	W. N. W.	Ely S.	3	30.07	76	80	76	76	b.c.	Cum. Nims	6	S.	All plain sail except
2	4	4	"	"	3	30.06	76	80	76	76	"	"	6	"	fly. jib and F. J. M.
3	4	2	"	"	2.3	30.06	76	80	76	76	"	"	6	"	Staysail.
4	4	4	"	"	3	30.05	76	79	76	76	"	"	6	"	
5	5	3	"	"	4	30.06	76	77	75	77	o.	"	0	"	
6	5	0	"	E. S. E.	4	30.06	75	77	74	77	"	"	0	"	Same
7	3	6	"	E.	4	30.04	75	77	74	77	b.c.	"	1	"	
~~8~~	4	3	"	"	4	30.06	75	77	74	77	"	"	3	"	Same.
9	5	5	"	Ely N.	3.6	30.09	75	77	74	77	b.c.q.	Cir. Cum. Nims	2	"	
10	4	6	"	"	4	30.07	75	77	74	77	b.c.	"	3	"	
11	6	0	"	Ely S.	4.6	30.09	75	77	74	77	b.c.q.	"	1	"	
Mid.	6	2	"	"	4.6	30.08	75	77	74	77	"	"	1	"	Same.

S 17° 13' W 24° 27'

Longitude by Chronometer from Afternoon Observations ⊙	° '		"
Longitude by Chronometer from Observations *	° '		"
Variation of the Compass by Amplitude ⊙ observed at Sunset	° '		"
Variation of the Compass by at	° '		"

under the command of Commander W. A. Schley, U. S. Navy,

Tuesday, December 3rd, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and ends at 12 M.

Cloudy and pleasant. Moderate breeze from E by S. & E.S.E. Sea smooth. Barometer falling slowly. On course W.N.W. At 12.30 stopped distilling and hauled fires. Density sea water 26.

L. K. Harris
Lieut.

From 4 to 8 A.M. Cloudy. Pleasant. Moderate breeze from S.E. Cir. Cumulus clouds. At 5.20 set main sail. Ship on the course under all plain sail except fly. jib and fore topmast staysail. Density sea water 26

L. P. Jewett
Master

From 8 A.M. to Merid. Overcast. Light passing showers first hour. Moderate to fresh breeze from E. On the course W.N.W. At 9.15 mustered at quarters. Exercised Cos A & B. and Marine Guard at infantry. Inspected bags. Density sea water 26.

Saml Lemly
Ensign

From Merid to 4 P.M. Clear and pleasant. Light to gentle breeze from E. by S. On course. At 2 exercised 1st Div. firing at target with pistols. Density 26.

W. B. T. Moore
Ensign

From 4 to 6 P.M. Overcast and pleasant. Moderate breeze from E by S. and E.S.E. Barometer steady. Ship on course W.N.W. Density 26.

L. K. Harris
Lieut.

From 6 to 8 P.M. Cloudy. Pleasant. Moderate E by S. breeze. Cir. cumu. clouds. At sunset mustered at quarters. Ship on the course, under all plain sail except flying jib and fore topmast staysail. Density sea water 26.

L. P. Jewett.
Master

From 8 P.M. to Mid. Cloudy. squally. Moderate to fresh breeze from E by N. and E by S. Ship on course W.N.W. Density sea water 26.

Saml Lemly
Ensign

Moon's phase 2d qr. Dec. N. 7°

Examined and found to be correct.

Asa Walker.
Lieut

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

En-route from St. Helena, to Montevideo, Uruguay

Hour.	Knots.	Miles.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	5	8	W.N.W.	E.S.E.	5.4		30.06	76	77	75	77	b.c.	Cirro Nimb	6	S.	All plain sail except fly.
2	6	0	"	"	4.5		30.05	75	76	75	77	"	"	6	"	jib & F.J.M. Staysail
3	6	0	"	"	3.4		30.04	73	76	75	77	"	"	6	"	
4	5	8	"	"	3.4		30.04	75	76	75	77	"	"	6	"	
5	5	8	"	E.N.E.	4		30.05	75	76	73	77	"	"	7	"	
6	5	0	"	"	4		30.07	75	76	73	77	"	"	8	"	
7	6	0	"	E.	4.5		30.09	75	76	73	77	0	"	0	"	Same
8	6	0	"	"	4.5		30.10	75	76	74	77	b.c	"	5	"	
9	5	4	"	"	4		30.10	76	78	74	77	"	"	7	"	Set flying jib
10	5	0	"	"	4		30.10	77	78	76	77	"	"	8	"	
11	4	7	"	"	4		30.10	77	78	76	77	"	"	7	"	
Noon.	6	4	"	"	5.6		30.10	77	78	76	77	"	"	1	"	

Distance run by Log since preceding Noon 125 knots 8 tenths ~~fathoms~~.

Latitude by D. R. at Noon S 17 ° 4 ' 20 "

Longitude by D. R. at Noon W 25 ° 59 ' 30 "

Latitude by Observation at Noon ⊙ S. 17 ° 14 ' 28 "

Longitude by Chronometer from Forenoon Observations ⊙ W. 26 ° 13 ' "

Current during the time 0 knots 7 ~~fms.~~ tenths per hour setting to the S.W½W.

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at 8 A.M. Lat. S. 17°14' Lng. W. 25°50' W 18 ° 15 "

Water expended during the preceding 24 hours 250 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 2000 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.																
1	5	0	W.N.W.	E.	5		30.12	77	80	79	77	b.c	Cirro Cum. Nimb	2	S.	All plain sail except
2	4	0	"	"	4		30.08	77	80	79	78	"	"	7	"	fore topmast Staysail
3	4	4	"	"	4		30.03	77	80	79	78	"	"	6	"	
4	5	5	"	"	4.6		30.08	77	79	78	78	"	"	5	"	
5	5	5	"	"	4		30.07	76	77	75	77	"	"	2	"	Hauled up main sail
6	4	2	"	"	3.4		30.08	76	77	75	77	"	"	2	"	
7	4	2	"	E.S.E.	3		30.08	76	78	75	78	"	"	7	"	Same.
8	5	0	"	"	4		30.09	77	78	75	78	"	"	8	"	
9	5	4	"	E.	4		30.09	77	78	75	78	"	"	9	"	
10	4	8	"	"	4		30.09	77	78	75	78	"	"	9	"	
11	5	5	"	"	5		30.09	77	78	75	78	"	"	5	"	
Mid.	6	0	"	"	5		30.09	77	78	75	78	"	"	5	"	Same.

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Wednesday, December 4th, , 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Clear and pleasant. Gentle to stiff breeze from E by S. At 4 sighted a vessel on our port quarter, standing to North. On course W.N.W. Density 26.

C. B. T. Moore
Ensign

From 4 to 8 AM. Cloudy and pleasant. Moderate breeze from E.N.E. & East. Barometer rising slowly. Sea smooth. Ship on course W.N.W. Sighted a sail bearing 3 points abaft starboard beam, and lost sight of it soon afterwards. Density 26.

L. R. Lewis
Lieut

From 8 AM. to Merid. Clear first two hours - Cloudy last two. Moderate breeze rising to fresh breeze from E^d. last hour - Cir. Cum. Nimb. clouds. At 8.15 set flying jib At 9.15 inspected at quarters, and exercised 1st & 2d Div. at great guns Powder Div. at stations By order of Comdr. the following punishments were assigned Geo. A. Kahn (O.S. 2d Cl.) and James Sutton (2. c. f.) for sleeping on lookout, each 48 hours extra duty. Ship in the course under all plain sail except fore topmast staysail. Density sea water 26.

L. P. Jarrett
Master

From Merid to 4 P.M. Cloudy first hour - Clear remainder of watch - Warm. Moderate to fresh breeze from E. On the course W.N.W. Served out clothing - Density sea water 26.

Saml Sands
Ensign

From 4 to 6 P.M. Cloudy and pleasant. Gentle to moderate breeze from E. At 4.50 hauled up mainsail - On course W.N.W. Density 26

C. B. T. Moore
Ensign

From 6 to 8 P.M. Clear and pleasant. Gentle to moderate breeze from East & E.S.E. Ship on course W.N.W. At 6.20 mustered at quarters - Density 26.

L. R. Lewis
Lieut.

From 8 P.M. to Mid. Clear. Pleasant. Moderate to stiff breeze from the E^d - Bright moonlight Cir. Cum. Nimb. clouds. Ship on the course under all plain sail except fore topmast staysail and mainsail - Density sea water 26.

L. P. Jarrett
Master

Moon's phase 2d qr. Dec N. 12°

Examined and found to be correct.

Asa Walker,
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

En-route from St. Helena, to Montevideo Uruguay

Hour.	Knots.	Tenths ~~Fathoms~~	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	5	6	W.N.W.	E. by S.	5		30.09	78	77	76	77	b. c.	low broken Nimbi	5	Mo.	
2	5	8	"	"	5.6		30.09	78	77	76	77	"	"	1	"	
3	6	6	"	E by S.	5.6		30.09	78	77	76	77	"	"	7	"	
4	6	6	"	E by N.	5.6		30.09	78	77	76	77	"	"	8	"	Set lee clew of mainsail
5	6	0	"	"	4.5		30.06	76	77	75	77	"	"	2	S	
6	6	0	"	"	4		30.06	76	77	75	77	"	"	3	"	Set weather clew of mainsail
7	6	5	"	"	4.5		30.09	76	77	75	77	"	"	2	"	
#8	6	8	"	"	4.5		30.10	76	77	75	77	"	"	1	"	
9	5	2	"	"	4		30.12	76	79	76	77	"	"	1	"	
10	5	0	"	E.N.E.	4		30.12	77	80	77	78	"	"	3	"	All plain sail except
11	4	3	"	"	3		30.13	78	81	78	79	"	"	3	"	fore topmast staysail.
Noon.	4	3	"	E.S.E.	3		30.14	78	79	76	79	0	"	0	"	

#8 Lat. obs. S 17° 13' 10" Long. by D.R. W 28° 13'

Distance run by Log since preceding Noon	127	knots 9	tenths ~~fathoms.~~
Latitude by D. R. at Noon	S 17	° 3	' "
Longitude by D. R. at Noon	W 28	° 25	' "
Latitude by Observation at Noon ⊙	S 17	° 8	' 45"
Longitude by Chronometer from Forenoon Observations ⊙	W. 28	° 33	' "
Current during the time 0 knots 4 ~~fms.~~ tenths per hour setting to the	SWbyW.		
Variation of the Compass by Amplitude ⊙ observed at Sunrise 9 30 AM.	Lat. obs. S 17° 9' Long. by D.R. W. 28° 20'	W. 17°	15' "
Variation of the Compass by Azimuth ⊙ observed at		°	' "
Water expended during the preceding 24 hours		250	gallons.
Water during the preceding 24 hours			"
Water remaining on hand fit for use at Noon		2250	"
Coal consumed during the preceding 24 hours		tons	lbs.
Coal remaining on hand at Noon		"	"

Sg. 627

P. M.																
1	0	8	W.N.W.													
	3	0	W.N.W. ½ W.	E.S.E.	2.3		30.10	78	81	77	79	b. c.	Nimbi	5	S.	All plain sail except fore
2	4	2	"	"	4		30.10	78	81	77	79	"	"	4	"	topmast staysail.
3	4	5	"	N.E.	4		30.10	78	80	77	79	"	"	4	"	
4	3	0	"	E.	2.3		30.10	78	80	77	79	"	"	7	"	
5	1	5	"	S.E.	1.3		30.09	78	81	80	79	"	"	6	"	Took in Fly jib and main sail.
6	2	6	"	"	2.3		30.10	78	81	80	79	"	"	2	"	
7	3	2	"	E by S.	2		30.09	77	79	77	79	"	low brm.	4	"	Set mainsail.
#8	2	5	"	"	1.2		30.10	77	79	77	79	"	"	3	"	
9	2	2	"	S.E.	2		30.13	77	79	76	79	"	"	7	"	
10	3	6	"	"	2		30.13	77	79	75	79	"	"	7	"	All plain sail except Fly
11	4	0	"	S.S.E.	3		30.13	77	79	75	79	"	"	1	"	jib and fore topmast
Mid.	2	5	"	"	1.2		30.13	76	76	75	79	0	"	0	"	staysail.

#8 Lat. obs. S 17° 9' Long. by D.R. W. 28° 39'

Longitude by Chronometer from Afternoon Observations ⊙		°	' "
Longitude by Chronometer from Observations *		°	' "
Variation of the Compass by Amplitude ⊙ observed at Sunset		°	' "
Variation of the Compass by at		°	' "

under the command of Commander W. S. Schley, U. S. Navy,

Thursday, December 5th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Clear and pleasant. Stiff to fresh breeze from E. by S. and E. On the course W. N. W. Moon set at 2.05. At 3.50 set lee clew of mainsail Density sea water 26.

Edward Longley,
Ensign

From 4 to 8 AM. Cloudy and pleasant. Moderate to stiff breeze from E. by N. At 5.30 set weather clew of mainsail. Cir cum. nimb. clouds. Smooth sea. Density 26.

C. B. T. Moore
Ensign

From 8 AM. to Merid. Cloudy and pleasant. Gentle to moderate breeze from E.N.E. to E.S.E. Barometer rising slowly. On course. At 9.15 inspected at quarters. Exercised Co. A at single sticks. Density 25.

C. K. Lewis
Lieut.

From Merid. to 4 PM. Clear. Warm. Moderate E.S.E. breeze shifting to N.E. and falling light Cir. cum. nimb. clouds. At 12.10 changed course to W.N.W 1/2 W. By order of Comdg. Officer J. B. Stanley (O.S. 2d Cl.) was released from confinement his sentence by Gen. Court Martial having expired. Ship on the course under all plain sail except fore topmast staysail. Density sea water 26

L. P. Jewett
Master

From 4 to 6 PM. Cloudy. Pleasant. Light air to gentle breeze from E, shifting at 5. to S. E. On the course W.N.W 1/2 W. At 4.15 took in flying jib and mainsail. Density sea water 26.

Edward Longley,
Ensign

From 6 to 8 PM. Cloudy and pleasant. Light breeze from E. by S. At 6.20 set mainsail. Clouds, cir cum. Sea smooth. Density 26.

C. B. T. Moore
Ensign

From 8 PM. to Mid. Cloudy and pleasant. Light to gentle breeze from S. E. to S.S.E. Light sprinkling of rain last hour of watch. Barometer steady. Sea smooth. Ship on course. Density sea water 26.

C. K. Lewis
Lieut

Moons phase 2d 5hr. Dec N. 17° —

Examined and found to be correct.

Asa Walker,
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3rd Rate, 6 Guns,

En route from St. Helena, to Monte Video, Uruguay.

Hour.	Knots.	Tenths Fathoms	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
Sq. 1	3	5	W.N.W.-W.N.W.	E.S.E.	4.5		30.10	77	75	74	79	bq.r	Cum. Nimb	0	S.	All plain sail except fore
637. 2	5	2	"	"	4.5		30.10	77	75	74	79	b.c.	"	4	"	topmast staysail and
3	5	4	"	"	4.5		30.10	77	75	74	79	"	"	8	"	flying jib -
4	5	0	"	"	4		30.07	77	75	74	79	"	"	9	"	
5	4	4	"	"	4		30.07	77	75	74	79	"	"	8	"	
S17°10' W. 30° #6	4	6	"	"	4.5		30.07	77	77	75	80	"	"	5	"	
7	5	0	"	"	5		30.06	77	77	75	80	"	"	6	"	
8	4	6	"	"	5		30.10	77	77	75	80	"	"	5	"	Same.
9	4	7	"	S.E. by E.	3.4		30.10	77	78	75	80	"	"	5	"	
10	4	2	"	"	3		30.12	78	79	76	80	"	"	6	"	Set fore topmast staysail
11	4	0	"	"	2.3		30.12	79	81	77	81	"	"	8	"	Set flying jib -
Noon.	4	0	"	"	2.3		30.12	80	83	78	81	"	"	8	"	

Distance run by Log since preceding Noon — 91 knots 6 Tenths ~~fathoms.~~

Latitude by D. R. at Noon — S 17 ° 8 ' 45 "

Longitude by D. R. at Noon — W. 30 ° 9 ' " "

Latitude by Observation at Noon ⊙ — S. 17 ° 12 30 "

Longitude by Chronometer from Forenoon Observations ⊙ — W. 30 ° 27 ' "

Sq 636 Current during the time 0 knots 7 ~~fms.~~ Tenths per hour setting to the Wby S.

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at 8 AM. Lat. S17° 11' Lng W. 30° 10' — W. 15 ° 45 "

Water expended during the preceding 24 hours — 2-50 gallons.

Water during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 2-000 "

Coal consumed during the preceding 24 hours — tons lbs.

Coal remaining on hand at Noon — " "

P. M.																
1	4	1	W by N.	E.S.E.	3		30.12	80	83	78	81	b.c.	Cum. Nimb	8	S.	
2	5	0	"	"	4		30.09	80	80	78	81	"	"	6	"	
3	4	5	"	"	4		30.07	80	80	76	81	"	"	8	"	
4	4	0	"	"	3		30.06	79	80	76	81	"	"	5	"	All plain sail -
5	4	0	"	"	3		30.06	79	80	76	81	"	"	5	"	
6	4	0	"	"	3		30.06	79	80	76	81	"	"	5	"	Same
7	4	5	"	E.N.E.	3.6		30.08	79	80	76	81	b.c.q.	"	3	"	
#8	4	2	"	"	4		30.06	79	79	75	81	"	"	2	"	Took in flg. jib & F.T.M. Staysail
9	3	6	"	E.S.E.	2.3		30.05	78	79	76	81	b.c.	"	4	"	
10	4	4	"	"	3.4		30.05	78	79	76	81	"	"	6	"	Hauled up Spanker and
11	5	4	"	"	3.4		30.05	78	79	76	81	"	"	6	"	and gaff top sail.
Mid.	5	2	"	"	3.4		30.05	78	79	76	81	"	"	6	"	

S17°18' W. 30°18'

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by at — ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Friday, December 6th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Overcast. Squally and rainy the 1st hour, with light wind from S. S. W. Clear with moderate to stiff breeze from E. S. E. remainder of watch. Cum. Nimb. clouds. Moon set at 2.40 Ship on the course under all plain sail except fore topmast staysail and flying jib. Density sea water 26.

L. P. Jarrett
Master

From 4 to 8 AM. Clear. Warm. Pleasant. Moderate to stiff breeze from E. S. E. On the course W. N. W. ½ W. ~~and~~ under all plain sail except flying jib and fore topmast staysail. Density sea water 26. At 8 made a sail one point abaft port beam.

Sam. C. Lemly
Ensign

From 8 AM. to Merid. Clear and pleasant. Moderate to light breeze from S. E by E. At 9.15 inspected at quarters. At 10.30 set F. S. staysail, at 11.00 set F. jib. Engaged in hauling deep sea sounding apparatus. Density 26. Sea smooth. On course W. N. W. ½ W. Under all plain sail. At 12. changed course to W. by N.

C. B. T. Moore
Ensign

From Merid. to 4 PM. Clear and pleasant. Gentle to moderate breeze from E. S. E. Barometer falling slowly. Sea smooth. On course W. by N. One sail in sight astern. Density 26.

C. H. Everett
Lieut.

From 4 to 6 PM. Clear. Pleasant. Gentle E. S. E. breeze. Cir cum. nim. clouds. Ship on the course, under all plain sail. Density sea water 26.

L. P. Jarrett
Master

From 6 to 8 PM. Cloudy. Squally. Gentle to fresh breeze from S. E. shifting suddenly at 7 to E. N. E. On the course W. by N. At 6.30 took in flying jib, fore topmast staysail and mainsail. At sunset mustered at quarters. Density sea water 26.

Sam. C. Lemly
Ensign

From 8 PM. to Mid. Clear and pleasant. Light to moderate breeze from E. S. E. At 8.15 took in spanker and gaff topsail. Bright moonlight. On course. Density 26.

C. B. T. Moore
Ensign

Morris phase 2d qr, Dec. N 21°

Examined and found to be correct.

Asa Walker
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3rd Rate, 6 Guns,

En. route from St. Helena, to Monte Video, Uruguay.

Hour.	Knots.	Tenths. Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	5	5	W. by N.	E. S. E.	4		30.03	78	79	75	81	b. c.	bir Cumn	7	S	All plain square sail
2	4	5	"	"	3		30.07	78	79	75	81	"	"	6	"	
3	5	0	"	"	4		30.07	78	78	75	80	"	"	7	"	
4	5	2	"	"	4		30.08	78	78	75	80	"	"	8	"	
5	5	2	"	"	4		30.10	78	78	75	80	"	"	9	"	
6	4	8	"	"	4		30.12	78	78	75	80	"	"	9	"	
7	4	6	"	"	4		30.07	78	78	76	80	"	Cumn. Nimb	6	"	let mainsail, flying jib, spanker,
8	5	4	"	"	5.6		30.07	78	78	76	80	"	"	2	"	and gaff topsail.
9	5	6	"	"	4.5		30.07	78	78	76	80	"	"	4	"	
10	6	2	"	"	5		30.16	78	78	76	80	"	"	3	"	
11	5	4	"	"	4		30.07	79	82	79	81	"	"	4	"	
Noon.	5	6	"	E by N.	5		30.07	79	82	78	81	"	"	6	"	Took in spanker and gaff topsail.

Distance run by Log since preceding Noon	115	knots 2	tenths ~~fathoms~~.
Latitude by D. R. at Noon	S. 17	° 20	' "
Longitude by D. R. at Noon	W. 32	° 27	' "
Latitude by Observation at Noon ⊙	S. 17	° 21	' 30"
Longitude by Chronometer from Forenoon Observations ⊙	W. 32	° 36	' 30"
Sq. 636 Current during the time knots 4 ~~fms~~ tenths. per hour setting to the W. by S.			
Variation of the Compass by Amplitude ⊙ observed at Sunrise		°	' "
Variation of the Compass by Azimuth ⊙ observed at 8 AM. Lat. S. 17°20' Long. W. 32°12	W. 15	° 0	' "
Water expended during the preceding 24 hours	2 50	gallons.	
Water during the preceding 24 hours			"
Water remaining on hand fit for use at Noon	1750		"
Coal consumed during the preceding 24 hours	tons		lbs.
Coal remaining on hand at Noon	"		"

P. M.															
1	2	0	W. by N.												
	4	4	W ½ N.	E.	4.5	30.07	80	85	82	81	b. c.	bir Cumn	6	S	
2	5	7	"	"	4.5	29.99	79	82	79	81	"	"	8	"	Hauled down flying jib
3	5	0	"	"	3.4	29.97	79	82	79	81	"	"	8	"	
4	5	0	"	"	3.4	29.95	79	82	79	81	"	"	8	"	
5	5	0	"	"	3	29.95	78	81	78	81	"	"	9	"	Jib and all plain square sail
6	4	6	"	"	3	29.97	78	81	79	81	"	"	8	"	
7	4	8	"	"	4	29.95	78	81	79	81	"	"	8	"	
8	5	0	"	"	4	29.90	78	81	79	81	"	"	8	"	Same.
9	5	0	"	"	4	30.02	78	80	79	81	"	"	4	"	
10	4	6	"	"	4	30.01	78	80	79	81	"	"	6	"	
11	4	4	"	"	4	30.01	78	80	79	81	"	"	7	"	
Mid.	4	8	"	"	4	30.01	78	80	79	81	"	"	7	"	Same.

S. 17°28'
W. 33°21'

Longitude by Chronometer from Afternoon Observations ⊙		°	' "
Longitude by Chronometer from Observations *		°	' "
Variation of the Compass by Amplitude ⊙ observed at Sunset		°	' "
Variation of the Compass by at		°	' "

under the command of Commander H. S. Schley, U. S. Navy,

Saturday, December 7th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Clear and pleasant. Gentle to moderate breeze from E.S.E. Barometer falling slowly. On course W by N. Moon set at 3.20. Density 26.

C. K. Curtis
Lieut.

From 4. to 8 AM. Clear. Pleasant. Moderate breeze from E.S.E. increasing to fresh breeze latter part of watch. Cir. Cumn. clouds. At daylight sighted a Barkantine, on Starboard bow, standing to N.E. and E.S.E., also sighted a sail standing to the N.E. At 7.20 set mainsail, spanker, gaff topsail and flying jib. Ships on the course. Density of sea water 26.

L. P. Jarett
Master

From 8 AM. to Merid. Cloudy. Warm. Pleasant. Moderate to gentle breeze from E.S.E & E by N. On the course W by N. At 11.4 o'clock in spanker, and gaff topsail. Density sea water 26.

Saml Lyle
Ensign

From Merid. to 4 P.M. Clear and pleasant. Stiff to gentle breeze from E. At 12.20 changed course to W½N. At 1 hauled down flying jib. Density 26.

C. B. T. Moore
Ensign

From 4. to 6. P.M. Clear and pleasant. Gentle breeze from East. Ship on the course W½N. At 4.30 sighted a sail, one point forward port beam, standing to N.E. & E. Density 25.

C. K. Curtis
Lieut.

From 6. to 8. P.M. Clear. Pleasant. Moderate & fr breeze. Cir Cumn. clouds. At 6.20 mustered at quarters. Ship on the course under all square sail and jib. Density sea water 26.

L. P. Jarett
Master

From 8. P.M. to Mid. Clear and pleasant. Bright moonlight. Moderate breeze from E. On the course W½N. Density sea water 26.

Saml Lyle
Ensign

Moon's phase 2d qr. dec N. 24°

Examined and found to be correct.

A. A. Walker
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3rd Rate, 6 Guns,

En. route from St. Helena, to Monte Video, Uruguay.

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	4	8	W by N.	E.	3		29.98	78	80	78	80	bc.	Cir Cum	8	S.	All square sail and jib.
2	4	4	"	"	3		29.95	78	80	78	80	"	"	8	"	
3	4	0	"	"	3		29.95	78	80	77	80	"	"	8	"	
4	4	0	"	"	3		29.95	78	80	77	80	"	"	7	"	
5	4	4	"	N E by E.	3		29.96	78	80	77	80	"	"	7	"	
6	4	0	"	"	2		29.98	78	79	76	80	"	"	8	"	All plain sail except F.S.M.
7	4	2	"	"	3		29.99	78	79	77	81	"	"	8	"	Staysail.
8	4	2	"	"	3		30.00	78	80	77	81	"	"	9	"	
9	3	5	"	"	3		30.02	77	80	77	81	"	"	9	"	
10	4	2	"	"	4		30.01	80	82	79	81	"	"	9	"	
11	3	2	"	"	4		30.01	81	82	79	81	"	"	9	"	Same
Noon.	6	0	"	"	4		30.03	81	83	80	81	"	"	9	"	

Distance run by Log since preceding Noon 111 knots 2 tenths ~~fathoms.~~

Latitude by D. R. at Noon S 17 · 37 · 42 "

Longitude by D. R. at Noon W. 34 · 31 · 30 "

Latitude by Observation at Noon ⊙ S 17 · 45 · "

29636 Longitude by Chronometer from Forenoon Observations ⊙ W 34 · 33 · 30 "

Current during the time 0 knots 3 tenths ~~fms.~~ per hour setting to the S by W.

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at 8 AM Lat. S 17° 41 Long. W 34 11 W 12° · 45 "

Water expended during the preceding 24 hours 250 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 1580 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.															
1	5	0	W 1/2 N.	N. E.	4	29.93	80	85	80	81	bc.	Cir Cum.	8	S.	All plain sail except fore
2	5	2	"	"	4	29.96	80	83	81	82	"	"	9	"	topmast staysail.
3	5	4	"	"	4	29.95	80	82	79	82	"	"	8	"	
~~4~~	5	2	"	"	4	29.95	80	82	79	82	"	"	8	"	
5	4	8	"	"	3	29.92	79	82	79	82	"	"	8	"	
6	4	7	W. 3/4 N.	"	3	29.95	79	83	81	82	"	"	8	"	
7	5	0	"	"	3	29.93	79	81	78	81	"	"	9	"	Same except
~~8~~	5	2	"	"	3	29.93	79	81	78	81	"	"	9	"	Mainsail.
9	5	0	"	"	4	29.93	79	81	78	81	"	"	8	"	Took in royals and
10	4	8	"	"	4	29.93	79	81	78	81	"	"	8	"	flying jib
11	4	8	"	"	4	29.93	79	81	78	81	"	"	8	"	Took in T.G. sls. and
Mid.	3	2	"	"	4	29.93	79	81	78	81	"	"	8	"	gaff topsail.

S 17° 41 W 35° 21

S 17° 48 W 35° 21

29635

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Sunday, December 8th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Clear and pleasant. Light to gentle breeze from East. On course W. ½ N. Bright moonlight. Smooth sea. Density 26.

C. B. T. Moore
Ensign

From 4 to 8. AM. Clear and pleasant. Gentle breeze from N. E. by E. Sea smooth. Barometer rising slowly. At 5.15 set flying jib ~~and~~ spanker, and gaff topsail. At 6 sighted a sail ahead. Density sea water 25.

C. K. Curtis
Lieut.

From 8 AM. to Merid. Clear. Pleasant. Moderate N. E. by E. breeze. Cir. Cum. clouds. At 9.20 Condg. Officer inspected ship and crew at quarters, and afterwards read prayers. At 10.10 C. F. Ferry (O.S.) fell overboard. Let go Life Buoy. Lowered Life Boat. Hauled down head sails, and set mainsail. Hove ship to, with main topsail to mast. Picked up man, hoisted boat, made sail and stood on the course. Density sea water 26.

L. P. Jarrett
Master

From Merid. to 4 PM. Clear and pleasant. Warm. Moderate breeze from N. E. On the course W. ½ N. Density sea water 26.

Sam'l Lemly
Ensign

From 4 to 6. PM. Clear and pleasant. Gentle breeze from N. E. At 5 changed course to W. ¼ N. Engaged in setting up deep sea sounding apparatus. Density 26.

C. B. T. Moore
Ensign

From 6. to 8 PM. Clear and pleasant. Gentle breeze from N. E. Barometer steady. On course W. ¼ N. Took in mainsail, put in mast and sail carr. Painted smoke stack. Density 25.

C. K. Curtis
Lieut.

From 8 PM. to Mid. Clear. Pleasant. Bright moonlight. Moderate N. E. breeze. At 8.45 took in royals and flying jib. At 9.15 took in top gallant sails and gaff topsails. At 10. started fires in four boilers. At 11.45 got cast deep sea lead. 65 fathoms. no bottom. At 12. changed course to W. N. W. ½ W. Density sea water 26.

L. P. Jarrett
Master

Moon's phase 2d q/r N. 26°

Examined and found to be correct.

Asa Walker,
Lieut.

Navigator.

LOG of the UNITED STATES *Steamer "Essex"*, 3rd Rate, 6 Guns,

En. route from St. Helena, to Monte Video, Uruguay

Hour.	Knots.	Tenths	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds. by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	4	6	W.N.W½W.	N. E.	5		29.95	78	81	79	81	b.c.	Cir. Cumu.	7	S.	Topsails, Jonsail jib
2	3	0	"	"	4		29.95	78	81	79	81	"	Cir. Cumu. Mists	4	"	and spanker.
3	3	5	"	"	4.1		29.97	78	80	78	81	b.c. h.g.	"	3	"	
4	2	8	W. by N.	"	4		29.97	78	80	78	81	b.c. h.	"	2	"	
5	5	5	"	"	4		29.96	79	80	78	81	b.c.	"	6	"	Furled all sail.
6	5	0	"	"	4		29.90	79	81	78	81	"	"	8	"	
7	4	9	"	"	4.5		29.92	79	81	78	81	"	"	8	"	Set spanker. Took in spanker.
#8	Stopped to Sound.			"	4.5		29.92	79	81	78	81	"	"	8	"	
9	2	3	E	"	4.5		29.95	80	82	78	81	"	"	7	"	
10	3	6	"	"	4.5		29.96	80	83	78	81	"	"	8	"	
11	2 1	1 0	S. ¾ W.	"	4		29.95	81	84	80	82	"	"	9	"	
Noon.	5	3	W by N.	N.	4		29.95	81	84	80	82	"	"	9	"	

S 17° 54' W. 36 13'

Distance run by Log since preceding Noon — 101 knots 9 tenths fathoms.

Latitude by D. R. at Noon — ° ' "

Longitude by D. R. at Noon — ° ' "

Latitude by Observation at Noon ⊙ — S 17° 56' 40"

Longitude by Chronometer from Forenoon Observations ⊙ — W. 36° 12' "

Current during the time knots fms. per hour setting to the

22.635 Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at 10 A.M. Lat. S. 17 55 Long. W. 36 8 — W. 12° 30' "

Water expended during the preceding 24 hours — 250 gallons.

Water during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 1250 "

Coal consumed during the preceding 24 hours — tons lbs.

Coal remaining on hand at Noon — " "

P. M.															
1	2 1	0 6	S. by W. E by S.	N. N. E.	5	29.94	81	84	80	82	b. e.	Cir. Cumu. Mists	7	S.	
2	4 1	7 4	"	"	5	29.94	81	84	80	82	"	"	7	"	Steaming under
3	2 1	2 8	S. by W. W. by N.	"	4	29.94	81	84	80	82	"	"	6	"	four boilers.
4	1	8	S by W.	"	4	29.94	81	84	80	82	"	"	6	"	
5	3	2	S. W. ½ S.	"	4	29.95	81	84	80	82	"	"	7	"	
6	5	3	"	"	3	29.95	81	84	80	82	"	"	7	"	Made all square sail.
7	3	5	"	"	2	29.93	81	83	81	82	"	Cir. Cumu.	8	"	
#8	3	4	"	"	2	29.93	81	82	80	81	"	"	8	"	
9	3	0	"	"	2	29.93	80	82	79	80	"	"	8	"	
10	3	0	"	N. E.	2	29.95	80	82	78	80	"	"	5	"	Jib and all square
11	3	0	"	"	2	29.97	80	81	78	80	"	"	8	"	sail.
Mid.	3	2	"	N. E. by E.	2	29.97	79	81	78	80	"	"	7	"	

S 18° 12' W 36° 9'

Longitude by Chronometer from n Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by at — ° ' "

under the command of Commander W. L. Schley, U. S. Navy,

Monday, December 4th, 1876.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Clear first hour. Calm remainder of watch. Passing shoals Carbiers Lower. Moderate breeze from N.E. Moonlight. At 3 changed course to W by N. Set mainsail & jib. Hauled up each hour. 27 fathoms no bottom at 100 fms - 28 fms - and 27 fms - Rocky bottom. Steam in four boilers - Pressure 30 lbs. Density sea water 26.

Sam'l Lemly
Ensign

From 4 to 8 AM. Clear and pleasant. Moderate to stiff breeze from N.E. At 4.15 started ahead under steam. At 4.30 furled sail. At 5 sounded with deep sea lead, bottom at 20 fms, at 6, 28 fms; at 6.30, 28 fms: character of the bottom - white coral sand, at 7 no bottom at 100 fms. Immediately after commenced to sound with deep sea sounding apparatus, got bottom at 1335 fms. Character of sea bottom, coral mud with shell. At 7½ at spanker, at 7.50 took in spanker. Density 26.

C. B. T. Moore
Ensign

From 8 AM. to Mid. Clear and warm. Moderate breeze from N.E. and North. At 9. got cast of lead, no bottom at 60 fms. At 9.10 started ahead full speed, on course East. At 9.20 got a cast no bottom at 60 fms, started ahead full speed, on course East at 9.37. At 10 got a cast, bottom at 30 fms, red coral, sticks about on course E by N at 10-11, 11-10-38 got cast bottom at 28 fms, red coral and shells. Started ahead on course S by W. at 12.43. At 12.57 got a cast bottom at 29 fms, coral and mud. Started ahead on course W by N. at 11.54. At 11.32 got a cast, bottom at 26 fms, white coral shell and mud. Started ahead at 11.35, on course W by N. Got a cast at 12.07, no bottom at 45 fms. Started ahead at 12.08. on course N by W. Set up backstays, fore and aft stays of R. & L. B. masts. At 8.25 changed course to East. Density 25.

L. K. Lewis
Lieut.

From Mid. to 4 PM. Clear. Warm. Moderate breeze from N.N.E. Div. Comm. dead. At 12.31 got cast, 75 fms, no bottom. At 12.40 started ahead E by S. At 1.12 got cast, 75 fms, no bottom. At 1.17 started ahead E by S. At 1.43 got cast in 33 fms, white coral sand and green weeds. At 1.47 started ahead E by S. At 2.12 got cast in 30 fms, yellow, red and blue coral mud. At 2.21 started ahead S by W. At 2.31 got cast in 31 fms, white and red coral. At 2.38 started ahead W by N. Stopped 7 minutes, wheel rope broke. At 3.15 got cast 60 fms, no bottom. Set spanker and got cast with sounding wire, in 5.42 fms. coral sand. At 3.49 started ahead S by W. At 4.05 got cast, 75 fms, no bottom. Steaming under 4 boilers. Av. st. pressure 60 lbs. Rev. 42.

L. P. Jerrett
Master

From 4 to 6 PM. Cloudy. Pleasant. Moderate breeze from N.N.E. Steaming with 4 boilers. At 4.06 started ahead full speed. On course E by S. Ran 1.6 miles and at 4.15 got a cast of lead, no bottom at 75 fms. Started ahead at 4.29. Ran 1.6 miles E by S. and got a cast. no bottom at 75 fms. At 4.50 started ahead on course S.W ½ S. Made all square sail. At 5.45 got a cast. No bottom at 75 fms. Allowing fires to die out. Steam pressure 30 lbs. Rev. 40. Density sea water 26

Sam'l Lemly
Ensign

From 6 to 8 PM. Clear and pleasant. Light breeze from N.N.E. At 6.10 stopped steaming. Uncoupled propellor. Hauled fires from under two boilers. Lowered smoke stack. Sent down yard arms. Bright moonlight. Density 26.

C. B. T. Moore
Ensign

From 8 PM. to Mid. Clear and pleasant. Gentle breeze from N.N.E. to N.E. by E. Barometer rising slowly. Ship on the course S.W ½ S. Fires banked in two boilers. Distilling.

L. K. Lewis
Lieut.

Moon's phase 3d 9h Dec. 27°

Examined and found to be correct.

Asa Walker.
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3rd Rate, 6 Guns,

On route from St. Helena to Monte Video, Uruguay.

Hour.	Knots.	Tenths	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds. by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	3	0	S.W.½S.	N. by E.	2.3		29.97	79	80	78	80	b.c.	Cir. Cumu.	9	S.	All square sail and jib.
2	3	4	"	"	2.3		29.97	79	80	78	80	"	"	7	"	
3	3	4	"	"	2		29.97	79	80	78	80	"	"	8	"	
4	3	2	"	"	2		29.95	79	80	78	80	"	"	7	"	
5	3	0	"	E.	2		29.95	79	80	78	81	"	Cir. Cum. Str.	8	"	
6	3	5	"	"	2		29.96	79	80	78	81	"	Cir. Cumu.	8	"	
7	3	0	"	"	3		29.97	79	80	78	81	"	"	7	"	Same
8	3	0	"	"	3		29.96	79	80	79	81	"	"	7	"	Set spanker. Gaff topsail and weather clew of mainsail and
9	2	0	"	E.N.E.	2		30.08	81	83	79	81	"	"	9	"	flying jib.
10	2	4	"	"	1.2		30.03	81	84	80	81	"	"	9	"	
11	1	0	"	"	0.1		30.03	82	86	82	81	"	"	9	"	
Noon.	1	0	"	"	0.1		30.03	82	88	83	81	"	"	9	"	

Distance run by Log since preceding Noon — 68 knots 6 tenths ~~fathoms~~.

Latitude by D. R. at Noon — S 18° 47' "

Longitude by D. R. at Noon — W 36° 30' "

Latitude by Observation at Noon ⊙ — S 19° 1' "

Longitude by Chronometer from Forenoon Observations ⊙ — W 36° 36' "

Sq. 635 Current during the time 0 knots 6 tenths ~~hrs.~~ per hour setting to the S.S.W.

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at 8 A.M. Lat. 18° 54' Lng. 36° 32' — W. 10 ° ' "

Water expended during the preceding 24 hours — 2~~50~~ gallons.

Water Condensed during the preceding 24 hours — 600 "

Water remaining on hand fit for use at Noon — 1600 "

Coal consumed during the preceding 24 hours — tons lbs.

Coal remaining on hand at Noon — " "

P. M.															
1	0	5	S.W.½S.	E.N.E.	0.1	30.03	82	88	86	81	b.c.	Cir. Cumu	9	S	All plain sail except F.T.M.
2	2	0	"	"	1	30.01	81	86	80	81	"	"	9	"	Staysail and weather clew
3	2	2	"	"	1	30.00	81	85	80	81	"	"	9	"	of mainsail -
4	2	4	"	"	1.2	29.99	81	85	80	81	"	"	9	"	
5	2	8	"	"	2.3	29.99	81	84	80	82	"	"	9	"	
6	3	2	"	"	3	29.99	81	84	80	82	"	"	9	"	Same.
7	2	5	"	"	1.2	29.99	81	84	80	81	"	"	9	"	
8	1	6	"	"	1.2	29.99	81	84	80	81	"	"	9	"	Same
9	1	4	"	"	1	30.00	81	82	78	81	"	"	9	"	
10	1	6	"	"	1	30.00	80	81	78	80	"	"	9	"	
11	2	2	"	"	1	30.00	80	81	78	80	"	"	9	"	
Mid.	2	4	"	"	2	30.00	80	81	78	80	"	"	9	"	Same

8. 19° 16' W. 36° 40'

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by at — ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Tuesday, December 10th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear. Pleasant. Light N.E. by E. breeze. Bright moonlight. Cir. Cumm. clouds. Ship on the course, under all plain square sail and jib. Fires banked in two boilers. Distilling. Density sea water 26.

L. P. Jouett
Master

From 4 to 8 A.M. Clear and pleasant. Light to gentle breeze from E. On the course S.W.½S. Fires banked in two boilers. Distilling. Density sea water 26. Moon set at 5.35.

Saml. Shelby
Ensign

From 8 A.M. to Merid. Clear and pleasant. Light breeze to light airs from E.N.E. At 8.05 set spanker, gaff topsail, flying jib and lee clew of mainsail. At 9.15 inspected at quarters. Exercised Co. A. at target practice. On course S.W.½S. Distilling. Density sea water 26.

C. B. T. Moore
Ensign

From Merid. to 4 P.M. Clear and warm. Light airs to light breeze from E.N.E. Ship on the course S.W. ½S. Shifted main tacks and sheets to foresail and fore tacks and sheets to mainsail. One sail in sight on port beam. Density sea water 25. Fires banked in two boilers. Distilling.

C. K. Lowe
Lieut.

From 4 to 6 P.M. Clear. Warm. Gentle breeze from E.N.E. Cir. Cumm. clouds. Ship on the course, under all plain sail, except fore topmast staysail and weather clew of mainsail. Fires banked in two boilers. Distilling. Two sails in sight, one on port beam, other on Starboard quarter. Density sea water 25.

L. P. Jouett
Master

From 6 to 8 P.M. Clear and pleasant. Light breeze to light airs from E.N.E. On course S.W½S. At 6.25 mustered at quarters. Moon rose at 7.58. Fires banked in two boilers. Distilling. Density of sea water 25.

Saml. Shelby
Ensign

From 8 P.M. to Mid. Clear and pleasant. Light airs to light breeze from E.N.E. Moonlight. On course S.W.½S. Distilling. Density 26.

C. B. T. Moore
Ensign

Moon's phase 3d qr Dec. N. 26°.

Examined and found to be correct.

Asa Walker,
Lieut

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3rd Rate, 6 Guns,

En. route from St. Helena to Monte Video, Uruguay.

Hour.	Knots. Thumbs. Patent Log.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.															
1	1 8	S.W. ½ S.	E.N.E.	1		29.99	80	80	77	81	b.c.	Cir. Cum	9	S.	All plain sail except
2	1 2	"	"	1		29.99	80	80	77	81	"		9	"	H.J.M. Staysail and weather
3	1 4	"	"	1½		29.98	79	79	77	81	"		9	"	leew of mizzen sail.
4	2 0	"	"	1.2		29.98	79	80	77	81	"		9	"	
5	1 5	"	"	1.2		29.98	79	80	77	81	"		9	"	
6	2 0	"	"	2		29.98	79	80	77	81	"		9	"	
7	2 8	"	"	2		29.99	79	86	77	81	"		9	"	
8	2 8	"	"	2		30.00	79	80	77	81	"		9	"	Same
9	2 5	"	"	2		29.99	79	82	80	81	"		9	"	All plain sail except
10	3 0	"	"	2.3		30.00	79	84	80	81	"		9	"	H.J.M. staysail.
11	2 8	"	"	0		30.02	79	85	80	81	"		9	"	
Noon.	2 4	"	"	2		30.02	79	86	81	81	"		9	"	

Distance run by Log since preceding Noon	51 knots	0 tenths ~~fathoms~~.
Latitude by D. R. at Noon	S 19 ° 45	"
Longitude by D. R. at Noon	W. 37 ° 4	"
Latitude by Observation at Noon ⊙	S 19 ° 57	45"
Longitude by Chronometer from Forenoon Observations ⊙	W. 37 ° 13	"
Current during the time knots 6 ~~fms.~~ tenths per hour setting to the SWly S		
Sy. 635 Variation of the Compass by Amplitude ⊙ observed at Sunrise	°	' "
Variation of the Compass by Azimuth ⊙ observed at SAlm. Lat S. 19 47' Lng W. 37° 7'	W 8 ° 45	"
Water expended during the preceding 24 hours	400	gallons.
Water Condensed during the preceding 24 hours	800	"
Water remaining on hand fit for use at Noon	2000	"
Coal consumed during the preceding 24 hours	tons	lbs.
Coal remaining on hand at Noon	"	"

P. M.														
1	1 5	S.W. ½ S.	E.N.E.	1.2	30.01	81	87	82	83	b.c.	Cir. Cum	9	S	All plain sail except
#2	1 4	"	"	1.2	30.00	81	86	82	83	"	"	8	"	H.J.M. staysail.
3	1 8	"	"	1.2	29.98	81	85	82	83	"	Cir Cum. Strus	6	"	
4	1 6	"	"	1.2	29.97	81	85	82	83	"	"	6	"	
5	2 5	"	"	2	29.99	81	83	79	81	"	"	6	"	
6	2 6	"	"	2	29.99	81	83	79	81	"	"	5	"	Same.
7	2 7	"	N.E.	2	29.95	81	83	79	81	"	Cir. Cum	6	"	Took in Mainsail
#8	2 8	"	"	2	29.95	81	83	79	81	"	"	6	"	
9	3 0	"	"	3	29.96	81	83	79	81	"	"	5	"	Took in flying jib.
10	3 0	"	"	3	29.97	81	82	78	80	"	"	5	"	
11	3 2	"	"	3	29.96	81	82	78	80	"	"	4	"	
Mid.	3 5	"	"	3	29.96	81	82	78	81	"	"	4	"	

S. 20° W. 37° 15'

S 20° 13' W. 37° 22'

Longitude by Chronometer from Afternoon Observations ⊙	°	' "
Longitude by Chronometer from Observations *	°	' "
Variation of the Compass by Amplitude ⊙ observed at Sunset	°	' "
Variation of the Compass by at	°	' "

under the command of Commander W. B. Schley, U. S. Navy,

Wednesday, December 11th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Clear and pleasant. Light airs from E.N.E. Barometer falling slowly. Long swell from S.W. Bright moonlight. Two sail in sight. one on stbd. bow, the other one point forward of the port beam. Fires banked in two boilers. Distilling. Density 25.

L. K. Jerwis
Lieut.

From 4 to 8 AM. Clear. Warm. Light breeze from E.N.E. Cir. cum. clouds. Ship on the course, under all plain sail except fore topmast staysail, and weather clew of mainsail. Three sails in sight, one on port beam, one two points on port bow, and one on starboard beam. Fires banked in two boilers. Av. st. pressure 25 lbs. Distilling. Density sea water 25.

L. P. Jarrett
Master

From 8 AM. to Merid. Clear and warm. Light breeze from E.N.E. On the course S.W½S. At 10. set weather clew of mainsail. At 9.15 inspected at quarters. Exercised Co. B. at target practice, with rifles. J. W. Powers (C. Top) fell overboard, but caught sea ladder, and was hauled on board. Exchanged colors with an English barque. Three sails in sight standing to N. & W. Fires banked in two boilers. Distilling. Density sea water 25.

Saml. Lemly
Ensign

From Merid. to 4 PM. Clear and pleasant. Light airs to light breeze from E.N.E. On course S.W½S. Density 25. Distilling. Long swell from S. & E.

C. B. T. Moore
Ensign

From 4 to 6¾ Clear and pleasant. Light breeze from E.N.E. Barometer steady. Long swell from S. Several sails in sight. On course S.W½S. Fires banked in two boilers. Distilling. Density 25.

L. K. Jerwis
Lieut.

From 6 to 8 PM. Clear. Pleasant. Light breeze from N.E. Cir. cum. clouds. At 6.45 took in mainsail. At sunset mustered at Quarters. At sunset several sails in sight. Fires banked in two boilers. Distilling. Density 25.

L. P. Jarrett
Master

From 8 PM. to Mid. Clear and pleasant. Gentle breeze from N.E. Long swell from S. Bright moonlight. At 8.10 hauled down flying jib. Moon rose at 8.30. Fires banked in two boilers. Distilling. Density sea water 25. On the course S.W½S.

Saml. Lemly
Ensign

Moon's phase 3d 2h dec N. 24°

Examined and found to be correct.

Asa Walker,
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3rd Rate, 6 Guns,

En-route from St. Helena, to Monte Video, Uruguay.

Hour.	Knots.	Tenths fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	4	0	S.W. ½ S.	N.E.	2.0		29.96	79	80	77	80	b.c.	Cir.Cum	7	Ds	Ship under all plain
2	4	4	"	"	2.3		29.93	78	80	76	80	"	"	7	"	sail except mainsail
3	4	7	"	"	3		29.92	78	80	76	80	"	"	7	"	F.T.M. staysail and fly.
4	5	0	"	"	3		29.90	78	80	76	80	"	"	7	"	jib.
5	3	6	"	N.N.E.	2.3		29.94	78	79	76	79	"	"	5	"	
6	3	8	"	"	2.3		29.95	78	79	76	78	"	"	2	"	
7	4	0	"	"	2.3		29.97	78	79	76	78	"	"	4	"	
8	3	7	"	"	2.3		29.97	79	81	78	78	"	"	7	"	
9	4	0	"	"	4		29.98	80	82	78	78	"	"	8	"	Set lee clew of mainsail
10	4	0	"	N.N.E.	4		30.00	80	82	79	78	"	"	8	"	
11	4	2	"	"	4		30.00	81	81	79	78	"	"	8	"	
Noon.	4	5	"	"	4		30.00	81	83	80	78	"	"	3	"	

Distance run by Log since preceding Noon	79 knots	5 tenths	fathoms.
Latitude by D. R. at Noon	S 21 ° 6 ′		"
Longitude by D. R. at Noon	W. 37 ° 57 ′		"
Latitude by Observation at Noon ⊙	S 21 ° 25 ′		"
Longitude by Chronometer from Forenoon Observations ⊙	W 38 ° 1 ′		"
Current during the time 0 knots 8 tenths hrs. per hour setting to the S by W.			
Sq. 626. Variation of the Compass by Amplitude ⊙ observed at Sunrise	° ′		"
Variation of the Compass by Azimuth ⊙ observed at 8 A.M. Lat S. 21.° 7′ Long W. 37° 52′	W. 8 ° 10 ′		"
Water expended during the preceding 24 hours	250	gallons.	
Water Condensed during the preceding 24 hours	750	"	
Water remaining on hand fit for use at Noon	2500	"	
Coal consumed during the preceding 24 hours	tons	lbs.	
Coal remaining on hand at Noon	"	"	

P. M.	Hour.	Knots.	Tenths fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
	1	3	6	S.W.	N. by E.	4		29.99	81	84	80	79	b.c.	Cir.Cum	3	Ds	Set flying jib and
	2	5	4	"	"	4		29.96	81	84	80	80	"	"	3	"	weather clew of mainsail
	3	5	2	"	N	4		29.93	81	84	80	80	"	Cir. Cum. Nimb	2	"	
	4	5	4	"	"	4		29.94	81	84	80	80	"	"	3	"	
	5	4	8	"	N.W.	2.5		29.93	78	82	79	80	o.g.r.	"	0	"	furled royals, clew down T.G. sails. hauled up mainsail, took in spanker and gaff topsail. Stood off jib
	6	2	5	"	N.	1.2		29.93	78	80	78	78	b.c.	"	2	"	
	7	2	1	"	N.W.	1.2		29.93	78	80	78	78	"	"	0	"	
S. 21° 57′ W. 38° 22′	8	3	5	"	"	3		29.93	78	79	77	78	b.c	"	3	"	Took in royals and
	9	3	5	"	"	3		29.93	78	79	77	78	"	"	3	"	flying jib. Set F.T.M.
	10	1	6	"	"	1.2		29.93	78	79	77	78	"	"	4	"	Staysail.
	11	1	0	"	"	+1		29.94	78	79	77	78	"	"	5	"	
	Mid.	1	0	"	"	0.1		29.93	78	79	77	78	"	"	5	"	Same.

Longitude by Chronometer from Afternoon Observations ⊙	°	′	"
Longitude by Chronometer from Observations *	°	′	"
Variation of the Compass by Amplitude ⊙ observed at Sunset	°	′	"
Variation of the Compass by at	°	′	"

under the command of Commander H. S. Schley, U. S. Navy,

Thursday, December 12th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Clear and pleasant - Light to gentle breeze from E.N.E. Under all plain sail, except Mainsail, F.S.M. stay sail and F. Jib. Bright moonlight - Density sea water 25. Distilling. Heavy swell from S.E. On course S.W. ½ S..

C. B. T. Moore
Ensign

From 4 to 8 AM. Cloudy and pleasant. Light to gentle breeze from N.E. Barometer rising slowly. Long swell from N.E. On course S.W. ½ S. Fires banked in two boilers. Distilling. Density 26.

C. K. Curtis
Lieut.

From 8 AM. to Merid. Clear. Warm. Moderate N.N.E. breeze - Cir. cum. clouds. At 9.15 inspected at quarters, and exercised Co. B. at single sticks - Ship on the course, under all plain sail except flying jib, fore topmast stay sail and weather clew of mainsail. Fires banked in two boilers - Distilling. By order of Comdg. Officer W. H. Hasmer (Lds) was given 108 hours extra duty - offense. Disrespect to Officer of Berth deck and dirty mess gear. Density sea water 25.

E. P. Jouett
Master

From Merid. to 4 P.M. Cloudy and warm - Moderate breeze from N by E. and N. At 12.15 changed course to S.W. At 12.45 set flying jib and weather clew of mainsail. Fires banked in two boilers - Distilling - Density sea water 25.

Sam. L. Smith
Ensign

From 4 to 6 P.M. Overcast. Rain - Latter part cloudy and pleasant. At 4.20 furled royals and flying jib - took in spanker and gaff topsail, hauled up mainsail to reefing squall. At 4.30 carried away lee leech of fore topsail - unbent fore topsail, bent and set new one. At 5.10 made plain sail to royals, except fore topmast stay sail and gaff topsail. Distilling.

C. B. T. Moore
Ensign

From 6 to 8 P.M. Cloudy and pleasant. Light airs to gentle breeze from N.W. At 6.30 mustered at quarters. At 7.50 took in royals and flying jib, and hoisted fore topmast stay sail - Stopped distilling. Density 25.

C. K. Curtis
Lieut

From 8 P.M. to Mid. Cloudy and pleasant. Gentle breeze from N.W. first hour, falling very light towards end of watch. Cir. cum. nimb. clouds. At 10. hauled fires. Ship on the course, under all plain sail to top-gallant sails. Density sea water 26.

E. P. Jouett
Master

Moon's phase 3d qr. Dec N. 20°

Examined and found to be correct.

Real Walker,
Lieut.

Navigator.

LOG of the UNITED STATES Steamer 'Essex', 3rd Rate, 6 Guns,

En-route from St. Helena, to Monte Video, Uruguay.

Hour.	Knots.	Tenths Fathoms	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																Took in Top gallant sails and jib, and Mainsail.
1	3	0	S. by E 1/2 E	S.W. by W.	3.6	-	29.94	79	78	77	78	0.q.	Cir. Cum. Nimb.	0	M.	Took two reefs in
2	2	0	S.E. by S.	"	4.7	1	29.92	79	78	76	78	b.c.p.q.	"	1	"	topsails.
3	1	3	S.E.	S.W. by S.	5.7	1	29.92	79	78	76	78	b.c.q.	"	1	"	
4	2	0	S.E. 1/2 E.	S. S.W.	4.6	1	29.93	79	78	76	78	"	"	1	"	
5	1	8	S.E by E.	"	4	-	29.93	78	77	75	78	0.q.	"	0	L	
6	0	5	S by W.	N	4	-	29.96	75	74	73	78	0.r.	"	0	"	
7	0	0	Drifting to the N.E. & E.	S.E. & E.	0.1	-	29.97	76	74	73	78	"	"	0	"	Set mainsail
8	1	5	S.W by W. 1/2 W.	S by E.	4.5	-	29.98	76	75	73	78	0.q.r.	"	0	"	Shook reef out of topsails Set topsails
#9	5	0	W.S.W.	S.	5	-	30.00	76	76	74	78	0.p.	"	0	"	Set jib
10	5	4	"	"	4.5	-	30.03	76	77	74	78	0	"	0	"	All plain sail except royals and fly. jib.
11	4	5	S.W. by W 1/2 W.	S.E. by E.	4.5	-	30.04	76	77	74	78	0	"	0	"	
Noon.	4	8	"	"	4.5	-	30.04	76	77	74	78	0.p.	"	0	"	

S 22°8' W. 38°32'

Distance run by Log since preceding Noon	72 knots 3	tenths ~~fathoms.~~
Latitude by D. R. at Noon	S 22 ° 16'	"
Longitude by D. R. at Noon	W 38 ° 38'	"
Latitude by Observation at Noon ⊙	S 22 ° 11'	"
Longitude by Chronometer from Forenoon Observations ⊙	W 38 ° 45'	"
Current during the time knots fms. per hour setting to the		
Sg 626 Variation of the Compass by Amplitude ⊙ observed at Sunrise	°	' "
Variation of the Compass by Azimuth ⊙ observed at	°	' "
Water expended during the preceding 24 hours	250	gallons.
Water Condensed during the preceding 24 hours	400	"
Water remaining on hand fit for use at Noon	2650	"
Coal consumed during the preceding 24 hours	tons	lbs.
Coal remaining on hand at Noon	"	"

P. M.																
1	4	8	S.W. by W 1/2 W.	S.E. by E	5	-	30.04	76	77	74	78	0.	Cir. Cum. Nimb.	0	L.	All plain sail to
2	5	8	"	"	5	-	30.02	76	77	75	78	"	"	0	"	topgallant sail
3	6	0	E. 3/4 S.	"	5	-	30.00	76	77	75	78	"	"	0	"	
4	5	8	E 1/2 S.	"	5	-	30.00	76	77	75	78	"	"	0	"	
5	5	8	"	"	6	1/2	30.01	76	77	76	79	"	"	0	"	Same except gaff
6	3	0	S.W. by W 1/2 W.	S.S.E.	6	1/2	30.01	76	77	76	79	"	"	0	"	topsail.
7	5	2	S.W 1/2 W.	"	5.6	1/4	29.99	76	77	75	79	0.q.q.	"	0	M.	Took single reef in
#8	5	6	"	"	5.6	1/4	30.00	76	77	75	79	"	"	0	"	topsails.
9	5	3	S. W.	"	4.5	-	30.02	76	76	74	79	"	"	0	"	Jib, F.T.M. Staysail,
10	5	0	S.W. 1/2 W.	"	4.5	-	30.05	79	75	74	79	"	"	0	"	Courses, Single reefed
11	4	0	"	"	3.5	-	30.04	76	75	74	78	0.	"	0	"	topsails, F.G.sls. Spanker
Mid.	4	8	"	"	3	-	30.04	76	75	74	78	"	"	0	"	and gaff topsail

S 22°18' W. 38°24'

Longitude by Chronometer from Afternoon Observations ⊙	°	' "
Longitude by Chronometer from Observations *	°	' "
Variation of the Compass by Amplitude ⊙ observed at Sunset	°	' "
Variation of the Compass by at	°	' "

under the command of Commander W. S. Schley , U. S. Navy,

Friday, December 13th, , 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Overcast. Squally. Damp. Obscure moonlight. Moderate to very fresh breeze from S.W. by W. shifting to S.S.W. By the wind on Starb. tack. At 1.10 took in T.G. sails and mainsail. Took two reefs in topsails and hauled down jib. Density sea water 25.

Lawr. Lemly
Ensign

From 4. to 8. AM. Overcast. Squally. Wet. Moderate breeze from S.S.W. Full and by. At 5. while wearing ship, received a light squall, with heavy rain from N.W. at same time wind shifting to N. brought ship to course S.W. At 6 wind falling to light airs from S. & E. No steerage way. Drifting to N. & W. At 7 set mainsail. Shook reefs out of topsails. Set T.G. sails and jib. Full and by. Density 25.

C. B. T. Moore
Ensign

From 8 AM. to Merid. Overcast and rainy. Moderate to stiff breeze from S. by E. & S. Barometer rising slowly. Long swell from S. At 9.30 inspected at quarters. Afterwards exercised at fire quarters. Time as follows 1st Div. 50 sec. Powder 1m 35 sec. 2d 1m 20 sec. Engrs. 1m 35 sec. Secured in 1m 15 sec. At 10. cleared down F.T.G. sail, unrolled the sail and set it at 11.20. Set gaff topsail at 11.05. Several sails in sight. Density 25.

L. K. Curtis
Lieut

From Merid. to 4 PM. Overcast. Cool. Stiff S.W. breeze. Cir. cum. mixed clouds. At 12.30 backed ship to E. At 2.20 spoken by Swedish Bark, standing to S. & W. She saluted by dipping colors. Gave her by Int. Code sigs. our longitude. Ship close hauled on starboard tack, under all plain sail to T.G. sails. Density sea water 25.

L. P. Jarrett
Master

From 4. to 6 PM. Overcast. Cool. Fresh breeze from S by E. and S.S.E. By the wind on Starb. tack. At 5.30 wore ship to S. & W. Took in gaff topsails. Density sea water 25.

Lawr. Lemly
Ensign

From 6. to 8 PM. Overcast. Squally. Gloomy. Stiff to moderate breeze from S.S.E. At 6.20 mustered at quarters. Immediately after called all hands, took single reef in topsails. Moderate sea. Density sea water 25. Full and by.

C. B. T. Moore
Ensign

From 8 PM. to Mid. Overcast and pleasant. Squally and threatening weather first part of watch. Stiff breeze from S.S.E. first part, gentle breeze latter part from S.S.E. Sea moderate. Moon rose at 10. Density 26.

C. K. Curtis
Lieut

Moon's phase 3d qr dec. N 16°

Examined and found to be correct.

Asa Walker,
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3rd Rate, 6 Guns,

En route from St. Helena to Montevideo, Uruguay.

Hour.	Knots.	Miles / ~~Fathoms.~~	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	3	5	S.W. ½ S.	S.S.E.	3		30.04	76	75	74	79	b.c.	Cir.Cum.Mist	1	M.	Jib, F.T.M Staysail Courses,
2	3	0	S.W.	"	3		30.02	76	75	74	79	"	"	1	"	reefed topsails T.G. sails
3	3	8	"	S.E	3		30.02	76	75	74	79	"	"	2	"	and spanker.
4	3	8	"	"	4		30.01	76	75	74	79	"	"	2	"	
5	3	5	"	"	3		30.01	76	76	75	79	"	"	2	"	Shook out reefs - Set royals and fly-jib.
6	4	5	"	"	4		30.00	76	77	75	78	"	"	2	"	Jib.
7	5	0	"	"	4		30.02	76	77	75	78	"	"	1	"	All plain sail.
8	5	0	"	"	4		30.03	76	77	75	78	0.	"	0	"	
9	5	0	"	S.E. by E.	2-4		30.05	76.	77	75	78	0.	"	0	"	at 9 A.M. Clewed ~~down~~ royals hauled down fly. jib - Set royals and fly-jib.
10	3	0	"	"	1.2		30.07	76	77	76	78	o.c.	"	0	S.	
11	2	5	"	"	2		30.07	76	77	76	78	o.d.	"	0	"	
Noon.	3	6	"	"	2.3		30.05	75	77	76	78	"	"	0	"	

Distance run by Log since preceding Noon — 106 knots 8 ~~fathoms.~~ tenths.

Latitude by D. R. at Noon — S 23° 8' "

Longitude by D. R. at Noon — W 39° 10' "

Latitude by Observation at Noon ⊙ — " "

Longitude by Chronometer from Forenoon Observations ⊙ — W. 39° 28' "

Current during the time knots fms. per hour setting to the

Sq. 626 Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at 9h 25m Am. Lat. S. 23° 0', Long. W. 39° 23' — W. 8 ° ' "

Water expended during the preceding 24 hours — 250 gallons.

Water during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 2400 "

Coal consumed during the preceding 24 hours — tons lbs.

Coal remaining on hand at Noon — " "

P. M.																
1	3	5	S.W.	S.E. by E.	2		30.06	76	77	76	78	o.d.	Cir.Cum.Mist	0	S.	All plain sail except
2	2	8	"	"	2		30.06	75	77	75	78	"	"	0	"	F.T.M. staysail.
3	2	8	"	E.S.E.	1.2		30.05	75	76	75	78	"	"	0	"	
4	3	2	"	S.E. by E.	3		30.04	75	76	75	78	"	"	0	"	
5	4	2	"	E.S.E.	3		30.02	75	76	75	78	"	"	0	"	All plain sail
6	4	0	"	E.N.E.	3		30.02	75	76	75	78	"	"	8	"	
7	2	8	"	"	2		30.01	75	76	75	78	o.r.	"	0	"	Took in flying jib and F.T.M. staysail
8	2	2	"	"	2		30.01	75	76	75	78	"	"	0	"	
9	2	0	"	"	1.2		30.04	76	77	76	78	"	"	0	"	Took in spanker and
10	1	6	"	"	1		30.04	76	77	76	78	"	"	0	"	gaff topsail.
11	2	0	"	"	1.2		30.05	76	76	75	78	b.c.	"	4	"	
Mid.	2	0	"	"	1		30.05	76	76	75	78	"	"	4	"	

8.23.29' W. 39.44'

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by at — ° ' "

under the command of Commander H. S. Schley, U. S. Navy,

Saturday, December 14th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Clear. Pleasant. Gentle to Moderate breeze from S.S.E, shifting to S.E. Ship on the course under courses, single reefed topsails, top-gallant sails, jib, fore topmast stay sail and spanker. Obscured moonlight. Density of sea water 26.

L. P. Jewett
Master

From 4 to 8 AM. Cloudy and pleasant. Gentle to moderate breeze from S.E. Ship on the course S.W. At 5. Shook reefs out of topsails, set royals and flying jib. One sail in sight on weather bow. Density sea water 26

Sam'l Schley
Ensign

From 8 AM. to Merid. Overcast and pleasant; latter part drizzling rain. Light airs to gentle breeze from S.E. by E. At 9.45 clewed ~~down~~ up royals, hauled down F. Jib. Density sea water 26. On course.

C. B. T. Moore
Ensign

From Merid. to 4 PM. Overcast. Drizzling rain during the watch. Barometer falling slowly. Long swell from S.E. & E. On course S.W. Density 25.

C. K. Curtis
Lieut.

From 4 to 6. PM. Overcast. Drizzling rain. Gentle E.S.E. breeze, shifting to E.N.E. Cir. cum. mulo. clouds. Ship on the course under all plain sail. Density sea water 25. Long swell from S.E. & E.

L. P. Jewett
Master

From 6 to 8 PM. Overcast. Rainy. Light breeze from E.N.E. Ship on the course S.W. At 6.30 took in flying jib and fore topmast staysail. Unbent staysail and bent new one. Moderate swell from S.E. Density sea water 25.

Sam'l Lemly
Ensign

From 8 PM. to Mid. Overcast, disagreeable and wet. Latter part cloudy and pleasant. Light airs to light breeze from E.N.E. At 8.20 took in spanker and gaff topsail. Density sea water 25. On course S.W.

C. B. T. Moore
Ensign

Moon's phase 3d qr Dec. N. 11°

Examined and found to be correct.

Asa Walker
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

En-route from St. Helena, to Monte Video, Uruguay.

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	1	5	S.W.	N.N.E.	1		30.05	76	77	77	78	d. o. g.	Cum. Nimb	0	M	Jib and all plain square sail
2	3	4	"	N.E.	3		30.09	76	77	76	78	"	"	0	"	
3	4	5	"	"	3		30.02	76	77	76	78	"	"	0	"	
4	4	6	"	"	3		30.01	76	77	76	78	o. g.	"	0	"	
#5	5	2	"	N.E by N.	4.5		30.01	76	77	76	78	o. p. g.	"	0	"	
6	5	0	"	"	4.5		30.07	76	77	76	78	o. p.	"	0	"	
7	5	0	"	"	4		30.01	76	77	76	78	o. c.	"	1	"	
8	4	3	"	N.N.E.	4		30.01	76	78	78	78	"	"	3	"	Set spanker and gaff topsail.
9	5	6	"	"	5		30.02	76	78	78	78	"	Cir Cum Nimb	3	"	Set flying jib and fore topmast staysail.
10	5	5	"	N.	5		30.04	76	80	79	78	"	Cir Cum Str.	5	"	
11	5	2	"	"	5		30.03	76	80	79	78	"	"	6	"	
Noon.	5	2	"	"	4		30.04	76	80	79	78	"	Cir Cum	3	"	All plain sail

S 23° 50' W 40°

Distance run by Log since preceding Noon — 88 knots 1 tenths ~~fathoms~~.

Latitude by D. R. at Noon — S 24 ° 19 ' "

Longitude by D. R. at Noon — W. 40 ° 25 ' "

Latitude by Observation at Noon ⊙ — ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ — W 40 ° 28 ' "

Sp. 6 25 Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at 8 AM. Lat. 23°50' Lng. 40°14' — W. 7 ° 15 ' "

Water expended during the preceding 24 hours — 250 gallons.

Water during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 2150 "

Coal consumed during the preceding 24 hours — tons lbs.

Coal remaining on hand at Noon — " "

P. M.															
1	4	4	S.W.	N.N.E.	4	30.02	78	81	79	78	b. c.	Cir Cum.	4	D	
2	3	9	"	"	3	30.00	79	83	80	79	"	"	6	"	
3	3	2	"	"	2	30.00	79	83	80	79	"	"	6	"	Hauled down and stowed fly. jib and fore topmast staysail
4	2	8	"	"	2	30.00	79	83	80	79	"	"	6	"	
5	2	7	"	N.E.	2	30.00	80	82	80	79	"	"	8	"	All plain sail except fly.
6	3	0	"	"	2	30.00	79	82	80	79	"	"	6	"	jib and fore topmast staysail
7	3	5	"	"	3	30.00	78	80	78	79	"	"	7	"	
#8	4	0	"	"	3	30.01	78	80	78	79	"	"	7	"	All square sail and jib.
9	4	0	"	E.N.E.	3	30.03	78	79	77	79	b. c. l.	"	8	"	Set Spanker. Took in Spanker.
10	4	0	"	"	3	30.04	78	79	77	78	b. c.	"	7	"	
11	3	8	"	"	3	30.04	78	79	77	78	b. c. l.	"	5	"	
Mid.	3	4	"	"	3	30.02	78	79	77	78	"	"	3	"	All square sail & Jib.

S 23 41' W 40 45'

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by at — ° ' "

under the command of Commander H. S. Schley, U. S. Navy,

Sunday, December 15th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Overcast. Drizzling rain, greater part of watch. Light airs first hour from N.N.E. gentle breeze rest of watch from N.E. Barometer falling slowly. On course S.W. Density 25.

C. K. Curtis
Lieut.

From 4 to 8 AM. Cloudy. Passing showers 1st part. Clearing up latter part of watch. Cum. mnb. clouds. Moderate to stiff breeze from N.E. shifting to N.N.E. At 4.30 set spanker and gaff topsail. On the course SW.

L. P. Jarrett
Master

From 8 AM. to Mid. Cloudy. Warm. Pleasant. Stiff breeze from N.N.E and N. On the course S.W. At 8.50 set flying jib and fore topmast staysail. Stowed main topsail to dry. At 9.40 inspected divisions. At 9.50 Comdg. Officer inspected ship and crew at quarters. Afterwards read prayers. By order of Comdg. Officer Master L. P. Jarrett was suspended from duty to await action of Comder. in Chief for being intoxicated at quarters. Density sea water 25.

Saml. Crosley
Ensign

From Mid. to 4 P.M. Clear and pleasant. Moderate to light breeze from N.N.E. At 2.30 hauled down and stowed F.T.M. staysail and F. jib. On course S.W. Barometer steady Density sea water 25.

C. B. T. Moore
Ensign

From 4 to 6 P.M. Clear and pleasant. Gentle breeze breeze from N.E. Long swell from N.E. Ships on the course S.W. Density sea water 25.

C. K. Curtis
Lieut.

From 6 to 8 P.M. Clear and pleasant. Gentle N.E. breeze. Cum. mnb. clouds. At sunset mustered at quarters. On the course, under all square sail and jib. Density sea water 25.

Saml. Crosley
Ensign

From 8 P.M. to Mid. Clear first part. Cloudy last hour. Pleasant. Gentle breeze from E.N.E. Occasional lightning to S.E. & S.W. Ships on the course S.W. At 8.20 set spanker. At 8.40 took in spanker. Moon rose at 11.35. Density sea water 25.

Asa Walker,
Lieut.

Noon's place 3° 6' Lat. N. 6°. —

Examined and found to be correct.

Asa Walker.
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3rd Rate, 6 Guns,

En. route from St. Helena, to Monte Video, Uruguay

Hour.	Knots.	Soundings. Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	2	8	S.W.	E.N.E.	2		30.00	77	78	77	78	b.c.	Cir.Cum.Strat.	6	8	All plain sail except
2	3	2		"	2		29.99	77	78	77	78	"	"	4	"	F. jib. J.T.M. Stay sail, Spanker,
3	4	4		"	2.3		29.97	77	78	77	78	"	"	2	"	and gaff topsail.
4	4	4		"	2.3		29.97	76	78	77	78	"	"	3	"	
5	4	0		"	3		29.97	76	78	77	78	o.d.	"	0	"	
6	4	0		"	3		29.97	77	78	76	78	b.c.	"	8	"	Jib, and all square sail.
7	4	0		"	3		29.98	78	79	77	78	"	"	9	"	
8	4	0		"	3		29.99	78	80	79	78	"	"	9	"	
9	4	3		"	4		29.99	79	81	79	78	"	"	8	"	
10	4	3		"	4		30.00	79	82	80	78	"	"	8	"	
11	3	6		"	3		30.00	79	83	80	78	"	"	8	"	Same.
Noon.	0	5		"	3		30.00	80	84	81	78	"	"	8	"	

Distance run by Log since preceding Noon — 89 nots 4 tenths fathoms.

Latitude by D. R. at Noon — S. 25° 28′

Longitude by D. R. at Noon — W. 41 20 "

Latitude by Observation at Noon ⊙ — S. 25. 29 "

Longitude by Chronometer from Forenoon Observations ⊙ — W. 41 37

Sq 615 Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise

Variation of the Compass by Azimuth ⊙ observed at 8 a.m. Lat S. 25° 17′ Long W. 41° 26′ — 3° 5°—

Water expended during the preceding 24 hours — 250 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon — 1900 "

Coal consumed during the preceding 24 hours — tons lbs.

Coal remaining on hand at Noon " "

P. M.															
1	3	4	S.W.	E.N.E.	3	30.00	80	86	84	78	b.c.	Cir.Cum.Str.	7	"	Jib and all square sail
2	3	2		N.E.by E.	3	29.97	80	85	83	79	"	Cir.Cum.	8	"	
3	3	4	"	"	3	29.95	80	84	82	79	"	"	9	"	
4	3	2	"	N.E.	3	29.93	81	84	82	79	"	"	9	"	
5	3	0	"	"	2	29.92	81	83	81	79	"	"	9	"	
6	3	0	"	"	2	29.92	80	82	80	78	"	"	9	"	Same
7	2	7	"	N.E. by E.	2	29.92	79	80	78	78	"	"	2	"	
8	2	6	"	"	2	29.93	78	80	78	77	"	"	2	"	
9	3	5	"	E.N.E.	3	29.93	78	80	78	77	"	"	1	"	Set Spanker.
10	4	0	"	"	3	29.93	78	79	78	77	"	"	9	"	Took in Spanker.
11	3	2	"	N.E.	2.3	29.93	78	79	78	77	b.c.r.	"	5	"	
Mid.	3	4	"	N.N.E.	2.3	29.93	78	79	78	77	b.c.r.	"	4	"	

Lat. S. 25°-28′ Long. W. 41°-20′

Longitude by Chronometer from Afternoon Observations ⊙ ° ′ "

Longitude by Chronometer from Observations * ° ′ "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ′ "

Variation of the Compass by at ° ′ "

under the command of Commander W. S. Schley, U. S. Navy,

Monday, December 16th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Clear and pleasant. Light to gentle breeze from E.N.E. Obscured moonlight. Clouds cir. cum. nimb. Smooth sea. On course S.W. Density sea water 25.

L. K. Lewis
Lieut.

From 4 to 8 AM. Overcast and drizzling rain first hour. Clear rest of watch. Gentle breeze from E.N.E. On the course S.W under jib and all sqman sail. Sea smooth. Density sea water 26.

Sam. Lyndley,
Ensign

From 8 AM. to Mid. Clear. Warm. Moderate breeze from E.N.E. Cir. cum. nimb. clouds. At 9.15 inspected at quarters and Exercised at General Quarters. Times as follows: Cast Loose in 5.43. Secured in 5.05. Ship on the course, under all sqman sail and jib. Density sea water 25.

L. B. T. Moore
Ensign

From Mid. to 4 PM. Clear and warm. Gentle breeze varying from E.N.E. to N.E. Ship on the course S.W. Density sea water 25.

L. K. Lewis
Lieut.

From 4 to 6 PM. Clear and pleasant. Light breeze from N.E. Clouds cir. cum. On course S.W. Density of sea water 25.

Sam. Lyndley,
Ensign

From 6 to 8 PM. Cloudy and pleasant. Light breeze from N.E. by E. Barometer rising slowly. Sea smooth. At 6.20 mustered at quarters. Density sea water 25.

L. B. T. Moore
Ensign

From 8 PM. to Mid. Clear. Bright starlight first part. Cloudy latter part of watch. Cir. cum. nimb. Clouds. Heavy dew. Gentle breeze from E.N.E, shifting to N.N.E. At 8.20 set spanker. At 10.45 hauled up fort clew of mainsail, and took in spanker. At 11.20 set port clew and hauled up starboard clew of Mainsail. Ship on the course, under jib and all sqman sail, except weather clew of mainsail. Density sea water 25. Barometer steady.

Wm Schroder.
Lt. Comdr.

Moon's please 3/4 sec. S. 1°.

Examined and found to be correct.

Asaph Walker,
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

En route from St. Helena to Monte Video, Uruguay.

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	4	0	S.W.	N.N.E.	3-4		29.90	78	79	77	77	b.c.	Cir.Cum.St.	2	S.	
2	4	8		N.E.by N.	4		29.89	78	79	78	78	"	"	3	"	
3	4	6		"	4		29.86	78	79	78	78	0.	"	0	"	
4	6	0		N.by E.	5		29.84	78	79	77	78	"	"	0	"	Set weather clew of main
5	6	6		N.by W.	5		29.80	76	78	76	78	b.c.	Cir.Cum.Nimb	7	"	sail and flying jib.
6	5	6		"	4		29.85	76	78	76	78	"	"	4	"	
7	4	5		"	4		29.86	76	79	77	78	"	"	2	"	
8	3	8		"	3		29.87	77	80	77	78	"	"	2	"	
9	3	0		"	2		29.88	77	80	78	77	0.	"	0	"	
10	2	0		"	1		29.88	78	80	79	77	"	"	0	"	
11	1	6		"	0.1		29.89	78	81	79	77	"	"	0	"	All plain sail except
Noon.	1	0		"	0.1		29.90	79	82	80	77	"	"	0	"	fore topmast staysail.

Distance run by Log since preceding Noon 89 knots fathoms.

Latitude by D. R. at Noon S. 26° 31' 42"

Longitude by D. R. at Noon W. 42° 34' 00"

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ W. 42 · 39 · 42"

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Sg 615 Variation of the Compass by Azimuth ⊙ observed at 8 A.M. Lat. S. {26° 27' 30"} Long. W. {42° 34' 12"} 3 · 30 · W. "

Water expended during the preceding 24 hours 2 50 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 16 50 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.															
1	1	7		N.N.W.	0.1	29.90	79	82	80	78	b.c.	Cir.Cum.Nimb	2	S.	All plain sail except
2	2	0		"	1	29.87	79	82	80	78	"	"	7	"	fore topmast staysail.
3	2	2		"	0.1	29.85	79	82	80	78	"	"	2	"	
4	1	8		"	0.1	29.85	78	81	79	78	"	"	1	"	
5	0	8		W.S.W.	0.1	29.84	78	81	80	78	o.f.	"	0	"	Took in mainsail.
6	0	5		Calm	0	29.80	78	81	80	78	b.c.	"	1	"	
7	No	Steerageway		"	0	29.85	78	81	79	78	b.c.t.	"	1	"	
8	0	0		"	0	29.87	78	81	79	78	b.c.f.l	"	1	"	Furled all sail.
9	8	0		S.W.	0.1	29.89	78	81	79	78	b.c.	"	1	"	
10	8	5		S.	3	29.92	78	79	77	78	o	"	0	"	
11	8	0		S.S.W.	3	29.92	78	78	76	78	"	"	0	"	All fore and aft
Mid.	8	5		"	3	29.92	77	77	75	78	"	"	0	"	sails

Lat. S. 26° 30' 30" Long. W. 42° 47' 30"

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Tuesday, December 17th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Cloudy first two & overcast last two hours. Moderate to stiff breeze varying from N.N.E. to N. by E. Obscured moonlight. On the course S.W. Moon rose at 12.15. At 3.25 set flying jib and sprather clew of mainsail. Density sea water 25.

Saml. C. Lyndy
Ensign

From 4 to 8 AM. Cloudy and pleasant. Stiff to gentle breeze from N. by W. On course S.W. Clouds cir. cumb. Heavy swell from Nd. Density sea water 25.

C. B. T. Moore
Ensign

From 8 AM. to Merid. Overcast and warm. Light breeze to light airs from N. by W. Barometer rising slowly. Sea smooth. At 9.15 inspected at quarters. Drilled Co. B. at small arms. Density sea water 25.

Le. H. Curtis
Lieut.

From Merid to 4 PM. Cloudy. Warm. Very light breeze from N.N.W. Cir. cumb. clouds. At work on quarter deck awning. On the course, under all plain sail, except fore topmast staysail. Density sea water 26.

Saml. Lyndy.
Ensign

From 4 to 6 PM. Overcast with passing showers first hour. Cloudy last hour. Light airs varying from N.N.W to W.S.W. On the course. At 4.50 took in and furled mainsail. At 5 started fires in six boilers. Density sea water 25.

C. B. T. Moore
Ensign

From 6 to 8 PM. Cloudy and pleasant. Calm. At 6.30 mustered at quarters. At 7.30 coupled propeller. Furled sail. Started ahead under steam. Steam in six boilers (latter part of watch) Average rev. 45. Steam pressure 50 lbs. Thunder and lightning to Nd. Density sea water 25.

Le. H. Curtis
Lieut.

From 8 PM. to Mid. Overcast and pleasant. Damp. Gentle breeze from S. & S.W. At 10.30 sent down light yards. At 11 set all fore and aft sails. Steam in six boilers. Av. St. pressure 60 lb. Rev. 48. Density sea water 25.

Saml. C. Lyndy.
Ensign

Mem's please last qr Sec S 8°

Examined and found to be correct.

Asa Walker,
Lieut

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

En-route from St. Helena, to Monte Video, Uruguay

Hour.	Knots.	Tenths of Fathoms	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	8	8	S.W.	S.	3		29.92	76	76	75	77	b.c.	Cir.Cum.	4	S.	All fms and aft sail.
2	9	0	"	"	3		29.88	76	76	76	77	"	"	3	"	
3	9	3	"	"	3		29.88	76	76	76	77	"	"	3	"	
4	9	2	"	"	3		29.90	76	76	75	77	"	"	4	"	
5	8	8	"	S. by W.	3		29.92	76	75	74	76	"	"	3	"	Took in flying jib and
6	8	4	"	S.	4		29.89	76	75	74	76	"	"	3	"	gaff topsail.
7	8	6	"	S. by W.	3		29.92	76	75	74	75	"	"	7	"	
8	8	2	"	S.S.W.	3		29.92	76	75	74	75	"	Cum.	9	"	
9	8	0	"	"	3		29.92	76	74	71	75	"	"	9	"	
10	8	0	"	"	3		29.92	74	74	71	74	"	"	9	"	Took in T.G.T. Maintopsail, jib,
11	8	0	"	S.W. by S.	3		29.94	75	75	71	74	"	"	9	"	& spanker.
Noon.	8	2	"	"	3		29.94	75	76	73	74	"	"	9	"	

Distance run by Log since preceding Noon 147 knots 0 tenths ~~fathoms~~.

Latitude by D. R. at Noon S 28 ° 20 ' "

Longitude by D. R. at Noon W 44 ° 30 ' "

Latitude by Observation at Noon ⊙ S 28 ° 25 ' 34 "

Longitude by Chronometer from Forenoon Observations ⊙ W. 44 ° 34 ' 30 "

Current during the time knots fms. per hour setting to the

29.615 Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at 8 A.M. Lat S. 38° 2' Lng W. 44 10 W 2 ° 20 ' "

Water expended during the preceding 24 hours 2 50 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 1 4 5 0 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.																
1	2 6	1 4	S.W. S.W. by W.	S.W. by S.	3		29.94	76	77	74	74	b.c.	Cum.	9	L.	
2	7	3	"	"	3		29.95	76	77	74	74	"	"	9	"	
3	7	0	"	"	3		29.96	76	77	73	75	"	"	9	"	
4	7	8	"	"	3		29.95	76	77	72	75	"	"	9	"	
5	7	3	"	"	2		29.95	76	77	72	75	"	"	9	"	
6	7	3	"	"	2		29.97	76	77	73	75	"	"	9	"	
7	7	6	"	S.S.W.	2		29.97	76	77	73	75	"	Cum Str.	9	"	
8	8	0	"	"	2		29.96	76	75	72	75	"	Cum.	9	"	M. Trysail - Set jib
9	8	8	"	S. by E.	3		29.99	75	74	71	75	"	"	9	"	and Spanker.
10	9	0	"	"	3		29.99	74	74	71	75	"	"	9	"	Set fore sail - Took in
11	9	0	"	"	3		30.08	73	73	70	75	"	"	9	"	fore sail.
Mid.	9	2	"	"	3		30.05	73	73	70	75	"	"	9	"	

29.615 S 28 52 W 45.

S 29.9. W 46.23.

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Wednesday, December 18th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Cloudy. Pleasant. Gentle Sly breeze. Cir. cirro clouds. At 2.00 set gaff topsail. At 2.45 a very brilliant meteor passed across the eastern heavens. Ship on the course under fore and aft sail. Steaming ~~with~~ under six boilers. Av. st. pr. 60 lbs. Rev. 55. Density sea water 25.

C. B. T. Moore
Ensign.

From 4 to 8 AM. Cloudy first two hours. Clear last two. Pleasant. Gentle to moderate breeze, varying from S. to S.S.W. On the course S.W. Steaming with six boilers. At 4.45 took in flying jib and gaff topsail. At 4.05 sighted a brigantine, standing to N.E. & E., showing no lights. Av. steam pres. 60 lbs. Rev. 53. Density sea water 25.

Jno. N. Cholwell
Act. Cond'r.

From 8 AM. to Merid. Clear and pleasant. Gentle breeze from S.S.W., latter part S.W. by S. At 9.45 hauled down and stowed F.S. staysail & jib, trailed up spanker. At 11. took in main topsail. Av. st. pres. 60. Rev. 54. 53. 50. 52. Density sea water 25.

Saml Lemly
Ensign

From Merid. to 4 PM. Clear and pleasant. Gentle breeze from S.W. by S. Long swell from S.W. Bar. steady. At 12.15 changed course to S.W. ½ W. Restowed the hold. Steaming with six boilers. Av. st. pres. 55. Rev. 49. Density sea water 25.

C. B. T. Moore
Ensign

From 4 to 6 PM. Clear. Pleasant. Light S.W. by W. breeze. Cirr. clouds. Ship on the course. Steaming under six boilers. Av. st. pres. 60 lbs. Rev. 48. Density sea water 25.

C. K. Curtis
Lieut.

From 6 to 8 PM. Clear and pleasant. Light breeze from S.S.W. On the course. Steaming with six boilers. At 6.20 set main topsail. At 6.30 mustered at quarters. Av. st. pres. 55. Rev. 46. 50. Density sea water 25.

Saml Lemly.
Ensign

From 8 PM. to Mid. Clear and pleasant. Gentle breeze from S by E. At 8.10 set jib and spanker. At 8.17 called to General Quarters. Engineers Div. reported ready. 8.21, Powder 8.21.10, Nav. 8.21.20, 2d ½ 8.24, 1st ½ 8.25. 50. Condg. Officer inspected divisions at 8.45. Secured. At 9.05 set foresail. At 9.20 furled foresail. Av. st. pres. 55 lbs. Revs. 45. 52. 48. 50. Density sea water 25.

C. B. T. Moore
Ensign

Morris's phrase last qtr dec S 14°.

Examined and found to be correct.
Chas Walker.
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 2d Rate, 6 Guns,

On-route from St. Helena to Monte Video, Uruguay

Hour.	Knots. Tenths Fathoms	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.															
1	8 5	S.W.¼W.	S. by W.	3		29.99	73	71	70	75	b. c.	Cum. Nimb	9	S.	Jib, main trysail and
2	8 4	"	"	3		29.96	73	71	70	74	"	"	3	"	spanker.
3	8 0	"	"	2		29.96	73	71	69	74	"	"	6	"	
4	8 6	"	"	1		29.96	73	71	69	74	"	"	4	"	
5	8 4	"	S. by E.	2		29.98	73	71	69	74	"	"	8	M.	
6	8 6	"	S.S.E.	2		30.00	72	71	69	75	"	"	9	"	Set F. jib, topmast staysail,
7	8 6	"	"	2		30.00	72	71	69	75	"	"	6	"	and spanker.
8	9 0	"	"	2		30.00	72	71	69	75	"	"	8	"	
9	9 4	"	"	1.2		30.00	72	71	69	75	"	Cir. Cirro.	3	"	
10	8 6	"	"	3		30.01	72	73	70	76	"	"	5	"	
11	8 8	"	"	3		30.02	72	74	72	76	"	"	9	"	All fore and aft sail.
Noon.	8 5	"	"	3		30.02	72	74	72	76	"	"	9	"	

S 30° 1' 84.9 W

Distance run by Log since preceding Noon	201	knots	0 tenths ~~fathoms~~.
Latitude by D. R. at Noon	S 30	° 42'	"
Longitude by D. R. at Noon	W 47	° 22'	"
Latitude by Observation at Noon ⊙	S 30	° 36'	"
Longitude by Chronometer from Forenoon Observations ⊙	W. 47	° 33'	"
29 603 Current during the time knots 5 ~~fms~~. per hour setting to the	N.W.by W.		
Variation of the Compass by Amplitude ⊙ observed at Sunrise		°	' "
Variation of the Compass by Azimuth ⊙ observed at ~~SRM~~. Lat S. 30°12' Lng W. 47° 3'		0 °	0' 0"
Water expended during the preceding 24 hours		2 ~~70~~	gallons.
Water during the preceding 24 hours			"
Water remaining on hand fit for use at Noon		11 50	"
Coal consumed during the preceding 24 hours		tons	lbs.
Coal remaining on hand at Noon		"	"

P. M.											
1	7 0	S.W.¼W.	E.S.E.	3	30.00	73	77	74	76	b c.	Cir. Cirro	9	S.	
2	6 6	"	E.	3	29.98	74	77	75	76	"	"	9	"	
3	6 2	"	N.	1.2	29.97	74	78	75	76	"	"	9	"	All plain sail to royals
4	6 4	"	"	1.2	29.94	74	79	77	76	"	"	9	"	except Main sail.
5	6 8	"	"	2	29.91	75	78	75	77	"	"	6	"	Took in S. jib. F.T. Staysail
6	7 4	"	"	3	29.91	75	78	76	77	"	"	7	"	M. trysail spanker and
7	7 6	"	"	4	29.90	74	75	75	77	"	"	6	"	gaff topsail.
8	8 5	"	"	4	29.88	74	76	74	77	"	"	6	"	Jib and all square sail.
9	8 8	"	"	4	29.88	74	76	74	77	"	"	8	"	Set spanker and gaff
10	7 8	"	"	~~6~~ 5	29.88	75	76	74	77	"	"	8	"	topsail.
11	7 0	"	"	5	29.88	75	75	73	76	b. c. l.	"	8	"	All plain sail except
Mid.	7 6	"	"	5	29.87	75	74	72	76	"	~~Nimb~~	~~9~~ 8	"	flying jib and main sail.

S. 31° 42'
W. 48° 21'

Longitude by Chronometer from Afternoon Observations ⊙		°	' "
Longitude by Chronometer from Observations *		°	' "
Variation of the Compass by Amplitude ⊙ observed at Sunset		°	' "
Variation of the Compass by at		°	' "

under the command of Commander W. S. Schley. , U. S. Navy,

Thursday, December 19th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Cloudy and pleasant. Light airs to gentle breeze from S. by W. Bar. steady. Sea smooth. Steaming with six boilers. Av. St. pres. 60 lbs. Rev. 50. Density sea water 25.

Lo. K. Lowrie
Lieut.

From 4 to 8 AM. Clear. Pleasant. Light S.S.E. breeze. Cum. mixed clouds. At 5.40 set flying jib, fore topmast staysail, and gaff topsail. On the cruise. Steaming under six boilers. Av. St. pres. 60 lbs. Rev. 50½. Density sea water 25. Moderate swell from S.E.

John C. Colwell
Lt. Comdr.

From 8 AM. to Merid. Cloudy first hour. Clear remainder of watch. Warm. Light airs from S.S.E. On the cruise. Steaming with six boilers. At 9.15 inspected at quarters. Exercised Co. B. at single sticks. Av. St. pres. 55 lbs. Rev. 49. Density sea water 25.

C. B. T. Moore
Ensign

From Merid. to 4 PM. Clear and pleasant. Light airs to light breeze from E.S.E.; latter part shifting to E. then to N. At 1.00 sent up Royal and T. Gafards. At 3.00 made all plain sail to royals. At 3.30 took in spanker, gaff topsail, M. topsail, F. jib and F.T. staysail. Steaming with six boilers. Av. St. pres. 55 lbs. Rev. 48. 44. 37. 38. Density sea water 25. Long swell from S.E. Banked fires in two boilers.

Lo. K. Lowrie
Lieut.

From 4 to 8 PM. Cloudy and pleasant. Light to gentle breeze from North. Bar. steady. Long heavy swell from S.S.W. On cruise, steaming with four boilers. Fires banked in two boilers. Distilling. Av. St. pres. 55 lbs. Rev. 38. Density sea water 25.

Sam. C. Lemly
Ensign

From 6 to 8 PM. Clear. Pleasant. Moderate breeze from N.E. At 6.45 set spanker, gaff topsail, and main topsail. On the cruise, under jib and all plain sail, except mainsail, with main topsail instead. Steaming with four boilers. Av. St. pres. 55 lbs. Rev. 40. Fires banked in two boilers. Distilling. Density sea water 25.

C. B. T. Moore
Ensign

From 8 PM. to Mid. Clear and pleasant. Gentle to stiff breeze from North. Bar. falling slowly. At 9.30 banked fires in four boilers and uncoupled propeller. Set fore topmast staysail. Fires banked in 6 boilers. Distilling. Sighting to E. latter part of watch. Density sea water 25. By order of Comdr's office, Master L. R. Jones was returned to duty.

Lo. K. Lowrie
Lieut.

Moons phase last qr. Dec. S 19°

Examined and found to be correct.

Asa Walker,
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6, Guns,

En-route from St. Helena, to Monte Video, Uruguay.

Hour.	Knots.	Tenths	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	7	4	S.W. 1/4 W.	N.	5-6		29.80	74	75	73	73	b.c.d	Cum.	9	Mod.	Under M. try sail and all plain sail except flying jib Look in royals and ~~T.G. sail~~.
2	7	2	"	"	5-6		29.77	73	74	72	73	"	"	9	"	Gaff to sail.
3	7	3	"	"	6		29.77	73	74	72	73	"	"	9	"	
4	8	2	"	"	6		29.76	73	73	72	73	"	"	9	"	
5	8	3	"	N. by W.	6-7		29.76	73	74	72	73	b.c.	Cir. Cum.	7	"	
6	8	4	"	N.N.W.	6		29.76	73	74	72	74	"	Cir. Cum.	8	"	
7	8	0	"	N.W. by N.	6		29.76	73	74	72	74	"	"	8	"	Let royals and gaff to sail.
8	7	8	"	"	6		29.77	73	74	72	74	"	"	9	"	Main try sail and all plain sail except T. jib & M. sail.
#9	7	2	"	"	5		29.77	73	74	72	74	"	"	9	"	
10	5	8	"	N.W.	4.5		29.77	73	74	72	74	"	"	9	"	
11	4	7	"	W.N.W.	4		29.77	73	74	72	74	"	"	9	"	Look in Royals, T.G. sails
Noon.	3	3	S.W.	W. by N.	3		29.76	73	75	74	74	"	"	9	"	and Fore sail.

#9 S 32° 36' W 50°

Distance run by Log since preceding Noon	171 knots	9 ~~fathoms~~ tenths
Latitude by D. R. at Noon	S 32 ° 27 '	"
Longitude by D. R. at Noon	W. 50 ° 6 '	"
Latitude by Observation at Noon ⊙	S. 32 ° 44 ' 20 "	
Longitude by Chronometer from Forenoon Observations ⊙	W 50 ° 9 '	"
Current during the time knots 7 ~~fms.~~ tenths per hour setting to the S by W.		
Variation of the Compass by Amplitude ⊙ observed at Sunrise	° '	"
Variation of the Compass by Azimuth ⊙ observed at 8 AM. dat. S. 32°20' Lng. W. 49°49'	E 2 ° 20 '	"
Water expended during the preceding 24 hours	200	gallons.
Water during the preceding 24 hours	700	"
Water remaining on hand fit for use at Noon	1600	"
Coal consumed during the preceding 24 hours	tons	lbs.
Coal remaining on hand at Noon	"	"

Sy 602.

P. M.											
1	6	6	S.W. 1/2 W.	S.W.	2	29.77	73	77	74	74	b.c.	Cir. Cum.	5	D.	
2	9	0	"	"	2	29.77	73	78	76	74	"	"	3	"	
3	8	8	"	S.W. by S.	2	29.76	73	78	76	74	"	"	1	"	
4	8	4	"	S.S.W.	2	29.74	73	79	76	74	"	"	2	"	
5	9	0	"	Calm	0	29.75	75	77	75	74	"	"	4	"	
6	9	7	"	"	0	29.76	75	76	75	74	"	"	3	"	
7	9	0	"	S.	0.1	29.73	74	74	74	74	0	Cir. Cum St.	0	"	Let M. try sail.
#8	8	3	"	Calm.	0	29.74	74	74	73	74	0.2.	"	0	"	
9	8	6	"	W.	3	29.89	70	73	72	74	"	"	0	"	Look in Main T sail and M. T. sail
10	8	2	"	"	0	29.74	73	73	72	70	"	"	0	"	Let jib and Spanker,
11	9	0	"	"	3	29.73	73	73	72	70	b.c.d.	Cir. Cum.	6	"	Look in jib Spanker and
Mid.	8	6	"	"	2	29.75	73	73	72	70	"	"	6	"	M. try sail

#8 S 30° 25' W 51° 11'

Longitude by Chronometer from Afternoon Observations ⊙	° '	"
Longitude by Chronometer from Observations *	° '	"
Variation of the Compass by Amplitude ⊙ observed at Sunset	° '	"
Variation of the Compass by at	° '	"

under the command of Commander H. L. Schley., U. S. Navy,

Friday, December 25th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Clear. Damp. Stiff to fresh N'ly breeze. Cum. clouds. Heat lightning to the S'd. and S'd & E'd. At 12.30 took in royals and gaff topsail. On the course, under main trysail and plain sail to T. G. sails, except mainsail. At 1.45 Mom rose. Fires banked in six boilers. Distilling. Density sea water 25.

L. P. Jarrett
Master

From 4. to 8 AM. Clear and pleasant. Fresh breeze from N. by W. shifting to N.W. by N. Ship on the course N.W. by N. At 6.10 set royals and gaff topsails. Sea moderate. Fires banked in six boilers. Distilling. Density sea water 25.

Sam'l Schley
Ensign

From 8 AM. to Merid. Clear and pleasant. Stiff to gentle variable breeze, shifting from N.W. by N. to W. by N. At 9.15 Exercised at fire quarters, immediately after inspected divisions at quarters. Overhauling torpedo apparatus and testing connections. At 11.30 furled royals. At 11.55 furled T. G. sails and Fore sail. Density sea water 25. Fires banked under six boilers. Distilling.

C. B. T. Moore
Ensign

From Merid. to 4 PM. Cloudy and pleasant. Gentle breeze from S.W. to S.S.W. Bar. falling slowly. At 12.15 Changed course to S.W. ½ W. At 12.15 furled topsails and started ahead under full speed. Steam in six boilers. Sent down royal yards. Scraped and painted Flushed spars. Av. st. pres. 60 lbs. Rev. 54. Density sea water 25.

C. K. Curtis
Lieut.

From 4 to 6 PM. Cloudy. Hazy. Calm. On the course. Steaming under six boilers. Av. st. pres. 60 lbs. Rev. 54.

L. P. Jarrett
Master

From 6. to 8 PM. Overcast. Pleasant. Calm and light airs from S. On the course S.W. ½ W. Steaming with six boilers. At 6.40 set main trysail. At 7.55 got cast of deep sea lead, no bottom at 50 fms. Av. st. pres. 60 lbs. Rev. 52. Lightning to N'd & W'd last hour. Bent both bower chains. Distilling.

Sam'l Schley
Ensign

From 8 PM. to Mid. Overcast. Latter part clear and pleasant. Stiff to light breeze from W'd. Continuous flashes of lightning in S.W. horizon. At 8 took in jib and spanker. At 8.20 set jib and ~~fore sail~~ spanker. At 11.35 took in jib, spanker and main trysail. Density of sea water 20. Steaming. Average pressure 60 lbs. Revs. 47-52-54-54. At 10 cast the deep sea lead, no bottom at 50 fms. At 12. made another cast, no bottom at 50 fms.

C. B. T. Moore
Ensign

Moon's phase last q'r Dec. 8 23h.

Examined and found to be correct.

Asa Walker
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

En-route from St. Helena, to Monte Video, Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	9	7	S.W. ½ W.	S.W. by S.	1		29.73	75	72	71	70	b.c.l.w.	Cum. Nims	9	S.	
2	10	0	"	"	1		29.74	73	72	71	70	"	"	9	"	
3	8	0	"	"	1		29.75	71	72	71	70	"	"	4	"	
4	8	8	"	"	1		29.75	73	72	71	70	"	"	9	"	
5	8	0	"	"	2		29.75	71	71	69	70	b.c.m.	"	9	"	
6	7	8	S.W. by W.	"	2		29.77	70	71	69	70	"	"	9	"	
7	7	4	"	S.W.	5		29.78	69	68	67	70	f*	—	-	"	
8	4	5	S.W. ½ W.	S.W. by S.	5		29.78	67	64	64	70	"	—	-	"	
9	4	2	S.W. by W.	"	3		29.80	66	65	65	70	b.c.f.	Cum.	2	"	Set main topsail.
10	6	0	S.W. by W. ½ W.	"	2		29.81	67	66	66	70	"	Cir. Cum.	4	"	
11	7	2	W.S.W. ½ W.	S.S.W.	3		29.80	66	66	66	70	b.c.z.	"	9	"	Set jib and spanker.
Noon.	9	0	"	"	3		29.79	66	68	68	70	"	"	9	"	

Distance run by Log since preceding Noon 92 knots 5 ~~fathoms~~ tenths.

Latitude by D. R. at Noon S 34 ° 26' "

Longitude by D. R. at Noon W. 53 ° 22' "

Latitude by Observation at Noon ⊙ S 34 ° 24' 30"

Longitude by Chronometer from Forenoon Observations ⊙ W 53 ° 21' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at 9 30 A.M. Lat. S. 34° 20' Long. W. 52° 59' E 6 ° 30' "

Water expended during the preceding 24 hours 300 gallons.

Water Condensed during the preceding 24 hours 200 "

Water remaining on hand fit for use at Noon 1600 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.															
1	7 / 6	1 / 4	W.S.W. ½ W. / S.W. by W.	S by W.	3		29.80	69	70	69	70	b.c.	Cir. Cum	9	S.	
2	8	8	"	"	3		29.77	70	70	69	70	"	"	9	"	
3	9	4	"	"	3		29.75	71	70	70	70	"	"	9	"	
4	4 / 4	8 / 8	" / S.W. ¼ W.	"	2		29.70	71	73	70	70	"	"	8	"	
5	8	4	"	"	2		29.76	71	73	70	70	"	"	9	"	Took in jib & spanker and
6	8	8	S.W. ½ W.	"	3		29.71	71	75	73	70	"	"	9	"	main topsail.
7	9	4	"	N.E.	5		29.70	71	73	70	73	"	"	8	"	Set Foresail.
8	8	6	"	N.	5		29.69	71	73	73	70	"	"	8	"	
9	8	4	"	W.N.W.	3		29.70	72	74	73	73	b.c.l.	Cum. Nims	6	M.	Took in fore sail
10	3	8	W. ⅜ S.	S.W.	3		29.73	72	72	70	73	"	"	4	"	
11	7	8	W. ½ S.	S.S.W.	4.7		29.73	71	72	70	73	b.c.l.t.	"	2	"	
Mid.	8	4	"	"	3.5		29.78	71	72	70	73	o.L.	"	0	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of *Commander W. S. Schley*, U. S. Navy,

Saturday, December 21st, 18*78*.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant. Light airs from S.W. by S. Bar. rising slowly. Sea smooth. On the inner S.W. ½ W. Steaming with six boilers. At 2 got a cast of deep sea lead in 33 fms. water. Bottom blue mud and fine sand. At 4 got a cast in 20 fms. bottom, blue mud. Moon rose at 2.33. Av. St. pres. 65 lbs. Rev. 57. Density sea water 22.

L. M. Garvin
Lieut.

From 4 to 8 A.M. Clear. Pleasant 1st part. Foggy. Stiff S.W. by S. breeze latter part. At 5 changed course to S.W. by W. At 7 changed course to S.W. ½ W. Got three casts of deep sea lead last hour of watch 20, 28 and 21 fms. Steaming under six boilers. Distilling. Av. St. pres. 55 lbs. Rev. 45. Density of sea water 22.

L. P. Jewett
Master

From 8 A.M. to Merid. Cloudy and foggy first two hours. Clear and hazy last two. Gentle breeze from S.W. by S. and S.S.W. Steaming with six boilers. At 9.10 set main topsail. At 10.40 set jib and spanker. At 8.05 changed course to S.W. by W. At 9 to S.W. by W. ½ W. At 10 to W.S.W. ½ W. Got casts of lead at 8.20, 9, 10, and 12. Bottom at 30 fms. first three casts. Bottom black mud. Last cast 13 fms. Bottom sand. Av. St. pres. 61 lbs. Rev. 47. Distilling. Density sea water 22. At 12. stopped distiller. Changed course to S.W. by W. ½ W.

Saml. Engle
Ensign

From Merid. to 4 P.M. Clear and pleasant. Gentle to light breeze from S by W. At 12.15 changed course to S.W. by W. At 12.45 sighted land on weather bow. At 3.17 sighted St. Mary's light house ahead. At 3.20 changed course S.W. ½ W. Saw land to leeward in sight during watch. Two sails in sight bearing 3 points forward weather beam, and two points on weather bow. Steaming 6 Boilers. Av. St. pres. 60 lbs. Rev. 48. 52. 53. 54. Density sea water 22. Hazy about horizon.

C. B. T. Moore
Ensign

From 4. to 6 P.M. Clear and pleasant. Light to gentle breeze from S. by W. Sea smooth. Steaming with six boilers. Sand on stbd. beam. Several sails in sight. Got the anchors ready for letting go. Engaged in preparing ship for port. At 5.50 set foresail. Av. St. pres 60. Rev. 52. Density 22. - Changed course at 5 to S.W. ½ W. At 5 St. Marys light bore (p.c.) N. ½ W.

L. K. Garvin
Lieut.

From 6. to 8 P.M. Clear. Stiff breeze from N.E. shifting to N. Cir. and. clouds. At 6.15 sighted St. Ignacio light (p.c.) At 7.55 sighted East Point light (p.c.) W. ¼ S. Steaming under six boilers. Av. St. pres. 60 lbs. Rev. 54. At 8 P.M. St Ignacio light bore (p.c.) N. ½ W. East point (p.c.) W. ½ S. Density 17.

L. P. Jewett
Master

From 8 P.M. to Mid. Cloudy. Squally. Gentle breeze from W.N.W. first hour. At 9.20 wind suddenly shifted to S.W. and commenced to blow a fresh gale, dying out towards end of watch. Vivid lightning with occasional thunder. At 9.20 lost sight of Punta Pedras light bearing (p.c.) N.N.W. At 9.25 changed course to W. ¼ S. At 10 to W. ½ S. At 12 Maldonado light bore N.E. by E. ¼ E. ~~½ E.~~ Steaming with six boilers. Av. St. pres. 60 lbs. Rev. 44. At 8.45 took in foresail.

Saml. Engle
Ensign

Moon's phase last qr. Dec. 8. 26h

Examined and found to be correct.

Asa Walker
Lieut

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3 Rate, 6 Guns,

En-route from St. Helena, and at Montevideo Uruguay.

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	8			S. S. W.	1		29.78	70	69	68	73	o.d.l.	Cir. Cum. Nimb.	0	S.	
2	8			"	1		29.77	70	68	67	73	b.c.	"	4	"	
3	8			"	1		29.77	70	68	67	73	b.c.l.	"	4	"	
4	8			"	1.4		29.79	70	68	67	73	o.l.d.	"	0	"	
5	Standing in for			"	3		29.78	70	68	64	73	b.c.	"	8	"	
6	Montevideo.			"	4		29.79	70	67	64	73	"	"	6	"	
7	At anchor			"	4		29.81	70	68	65	73	"	"	8	"	
8				"	5		29.81	70	68	65	73	"	"	8	"	
9	Underway. standing further in harbor -			S. W.	5		29.81	68	68	65	-	"	"	8	W.	
10	Moored.			"	5		29.80	68	68	65	-	"	"	8	"	
11			S. W.	"	5		29.82	68	68	65	-	"	"	8	"	
Noon.			W.	"	5-6		29.82	68	68	65	-	"	"	8	"	

Distance run by Log since preceding Noon		knots	fathoms.
Latitude by D. R. at Noon		°	′ ″
Longitude by D. R. at Noon		°	′ ″
Latitude by Observation at Noon ⊙		°	′ ″
Longitude by Chronometer from Forenoon Observations ⊙		°	′ ″
Current during the time knots	fms. per hour setting to the		
Variation of the Compass by Amplitude ⊙ observed at Sunrise		°	′ ″
Variation of the Compass by Azimuth ⊙ observed at		°	′ ″
Water expended during the preceding 24 hours		300	gallons.
Water Cond. during the preceding 24 hours		550	"
Water remaining on hand fit for use at Noon		1200 (1850)	"
Coal consumed during the preceding 24 hours		tons	lbs.
Coal remaining on hand at Noon		"	"

P. M.																
1		S. S. E.	S. S. W.	5.6	29.82	70	70	66	-	b.c.g.	Cir. Cum. Nimb.	6	W.	
2		"	"	4.5	29.82	70	72	67	-	"	"	7	"	
3		"	"	5.6	29.78	70	72	67	-	"	"	7	"	
4		"	"	5-7	29.78	70	70	66	-	"	"	5	"	
5		S. S. E.	S. S. E.	6	29.78	71	68	65	-	"	"	5	"	
6		"	"	5.6	29.79	69	67	65	-	b.c. 3r.	"	3	"	
7		S. by E.	S. E. by E.	5.7	29.78	68	67	65	-	"	"	2	"	
8		"	"	5.7	29.78	68	67	65	-	"	"	1	"	
9		S. by E.	S. S. E.	5.7	29.78	66	65	62	-	b.c.g.r.l.	"	1	"	
10		"	"	3.5	29.79	66	64	62	-	"	"	1	"	
11		"	"	4.6	29.79	66	64	62	-	b.c.g.	"	8	"	
Mid.		S.	S.	5.6	29.79	66	64	62	-	"	"	8	"	

Longitude by Chronometer from Afternoon Observations ⊙		°	′ ″
Longitude by Chronometer from Observations	*	°	′ ″
Variation of the Compass by Amplitude ⊙ observed at Sunset		°	′ ″
Variation of the Compass by	at	°	′ ″

under the command of Commander W. S. Schley, U. S. Navy,

Sunday, December 22d, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Overcast. Drizzling rain first and last hour, otherwise clear and pleasant. Light airs to moderate breeze from S.S.W. At 1 changed course to W.¼ S. At 2.15 made Flores revolving light, bearing W.N.W.½W. At 2.35 made Eng Bank light bearing S.W by W.½W. At 3.00 made Monte light right ahead. At 4 Flores light bore N.W.¼N. Eng Bank light bore S.½E. Steaming - Av. st. pres. 55 lbs. Rev. 46.5. First part of watch considerable lightning about horizon - occasional during remainder of watch. Density sea water 22 -

C. B. J. Moore
Ensign

From 4 to 8 AM. Clear and pleasant. Moderate to stiff breeze from S.S.W. Steaming with six boilers. Standing in for Montevideo, under direction of Comdg. Officer. At 6.17 came to anchor off Montevideo in 4 fms. water veering to 20 fms. port chain at waters edge. Draught of water Forward 13 ft. 7 in., Amidships 14 ft. 8½ in., Aft 15 ft. 10 in. At 5.30 made our number. "Hartford" answered. Made inter. signal 12 11. "Hartford" answered 9 04. Health Officer came alongside and granted pratique. Banked fires.

C. K. Curtis
Lieut.

From 8 AM. to Mrid. Clear and pleasant. Stiff to fresh breeze from S.W. At 9.10 called all hands. Hove up port anchor, and stood further up harbor. At 9.50 let go port anchor. 9.55 let go Stbd. anchor. At 10 moored ship in three fms. water 25 fms. on each chain. Lobos Point bore W. by S. Monte W.N.W. At 10.45 made following signals to "Hartford" 2077 - 9 - 4892 - 4080 - 3854. Num. 2. 1854. At 11 "Hartford" answered 9 04. Broke out sheet anchor, secured it on port bow. bent sheet chain. At 10.40 hauled fires from under four boilers. Distilling with steam under two boilers.

C. B. J. Moore
Ensign

From Mrid. to 4 PM. Cloudy and pleasant. Squally. Moderate to very fresh breeze from S.S.W. Bar. falling. Sea moderate. Fires banked in two boilers - Distilling.

C. K. Curtis
Lieut

From 4 to 8 PM. Cloudy, wet and disagreeable. Stiff to very fresh breeze from S.S.E. to S.E. by S. Squally. Sent down mizzen yard and mast covers. Distilling.

C. B. J. Moore
Ensign

From 8 PM. to Mid. Cloudy first part of watch, with rain and lightning. Clear and cool latter part. Squally. Gentle to very fresh breeze from South to S.S.E. Barometer steady. Sea moderate.

C. K. Curtis
Lieut.

Moon's phase last qr. Dec. 8 27°

Examined and found to be correct.

Asa Walker
Lieut

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

Harbor of Monte Video, Uruguay.

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1			S. W. by W.	S. by W.	5.7		29.77	65	63	62		b. c. cy.	Cir. Cumi.	4	M.	
2			"	"	5.7		29.77	65	63	62		"	"	4	"	
3			"	"	5.7		29.76	65	63	62		"	"	5	"	
4			"	"	5.7		29.76	64	63	62		"	"	4	"	
5			"	"	5.6		29.78	63	63	61		"	"	5	"	
6			"	"	5.6		29.79	63	62	60		"	"	5	"	
7			"	"	5.6		29.80	63	62	60		"	"	6	"	
8			"	"	5.6		29.80	63	63	61		"	"	5	"	
9			S.	S. W.	4.5		29.80	63	63	61		b. c.	"	5	"	
10			S. S. W.	S. S. W.	3.4		29.82	65	63	61		"	"	7	"	
11			"	"	3.4		29.83	66	63	61		"	"	8	"	
Noon.			S. W. by S.	S. W. by S.	3.4		29.84	67	64	61		"	"	9	"	

Distance run by Log since preceding Noon ____ knots ____ fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time ____ knots ____ fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours 300 gallons.

Water ~~from Pumps~~ during the preceding 24 hours 550 "

Water remaining on hand fit for use at Noon 2100 "

Coal consumed during the preceding 24 hours ____ tons ____ lbs.

Coal remaining on hand at Noon " "

P. M.																
1			S. W. by S.	S. W. by S.	3.5		29.83	66	65	62		b. c.	Cir. Cumi.	9	M.	
2			S. S. W.	S. S. W.	3.4		29.83	66	66	63		"	"	9	"	
3			"	"	3.4		29.83	66	66	64		"	"	8	"	
4			"	"	3.4		29.83	67	67	65		"	"	9	"	
5			S.	S. by W.	2		29.81	67	67	65		b.	None	10	A	
6			S. S. E.	"	2		29.81	68	67	65		"	"	10	"	
7			S. S. E.	S. S. E.	1		29.81	67	67	65		"	"	10	"	
8			"	"	1		29.81	67	67	65		"	"	10	"	
9			S. E. by S.	S. E.	1		29.81	67	67	65		b. c.	Cir. Cumi	9	"	
10			E.	N.	1		29.81	67	67	65		"	"	9	"	
11			N. E.	"	1		29.81	67	68	64		"	"	9	"	
Mid.			E. N. E.	N. N. W.	1		29.82	68	67	64		"	"	9	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by ____ at ° ' "

under the command of Commander H. S. Schley, U. S. Navy,

Monday, December 23d, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Clear, cool, and pleasant. Stiff to very fresh breeze blowing in squalls from S by W. Distilling.

G. B. T. Moore
Ensign

From 4 to 8. AM. Clear. Cool. Fresh S'ly Breeze Cir. Cumm. clouds. At 7.30 Flagship made genl. signal 3350. Jas. Hackett (O.S. 2d Cl.) placed in single irons to await trial by Court Martial. Fires banked. Distilling. Two English Cleaners came in.

L. P. Jarrett
Master

From 8 AM. to Merid Clear and pleasant. Cool. Gentle to stiff breeze from S. & W. & W. Bar. rising slowly. At 8 made tel. sig. to "Hartford" 0879. 3508. 6807. 4204. 5723. 6159. Hartford answered 1860. 6686. 0009. 8120. Scrubbed ships outside. An Italian Officer called officially on Comdg. Officer. Fires banked in two boilers. Distilling.

G. K. Curtis
Lieut.

From Merid. to 4 PM. Clear. Gentle to moderate breeze from S. & W. Cir. cumm. clouds. At 3.30 Flagship made genl. sig. 2984 Answered. Unbent flying jib and goff topsail and stowed them below. Fires banked in two boilers. Distilling.

L. P. Jarrett
Master

From 4 to 8 PM. Clear and Pleasant. Light airs to light breeze from S by W. to S.S.E. Barometer steady. Fires banked in two boilers. Distilling.

C. H. Lewis
Lieut

From 8 PM. to Mid Clear. Cool. Light breeze from S. & E. shifting to N. Ship swinging to Starboard. ~~Fires banked in two boilers. Distilling.~~ Bright starlight. Cross in hawse, port chain on top. By order of Comdg. Officer W. H. Hosmer (Lieut) stood his extra watch. Hauled fires at 8.20.

L. P. Jarrett
Master.

Mean Noon Lat 1st yr Dec S 26°

Examined and found to be correct.

Asa Walker,
Lieut

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

Harbor of Monte Video, Uruguay.

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1			N.	N.	2		29.76	65	61	60		b.	None	10	S.	
2			"	"	2		29.75	65	60	59		"	"	10	"	
3			"	"	2		29.75	65	61	60		"	"	10	"	
4			"	"	2		29.75	64	61	60		"	"	10	"	
5			N. by W.	"	3		29.76	64	62	60		b. c.	Cum. Str.	9	"	
6			"	N. N. W.	3		29.78	64	63	61		"	Cumu.	9	"	
7			N. N. W.	"	4		29.78	65	64	62		b.	None	10	"	
8			N. by W.	"	4		29.79	66	67	64		"	"	10	"	
9			N. W.	"	4		29.79	69	71	68		"	"	10	"	
10			"	N. W.	5		29.79	72	76	72		b. c.	Cir. Cumu.	9	"	
11			"	W. N. W.	5		29.77	73	81	73		"	"	9	"	
Noon.			"	W by N.	5		29.76	76	81	74		"	"	9	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° ' "

Longitude by D. R. at Noon — ° ' "

Latitude by Observation at Noon ⊙ — ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ — ° ' "

Current during the time — knots — fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at — ° ' "

Water expended during the preceding 24 hours — 300 gallons.

Water received during the preceding 24 hours — 1100 "

Water remaining on hand fit for use at Noon — 2900 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " — "

P. M.																
1			W. by N.	W. by S.	4		29.76	76	81	74		b. c.	Cir. Cumu.	9	S.	
2			N. N. W.	"	4		29.75	75	82	76		"	"	9	"	
3			W.	W. S. W.	3		29.75	79	82	76		"	"	9	"	
4			N. W. by W.	"	2		29.76	79	81	76		"	"	4	"	
5			W.	S. W.	3		29.69	78	83	78		"	"	5	"	
6			N. N. W.	N. W.	4		29.69	78	83	78		"	"	8	"	
7			"	"	3		29.67	78	82	78		"	"	8	"	
8			N.	"	2		29.67	78	81	78		"	"	8	"	
9			S. by E.	N. by W.	2		29.72	75	78	75		"	"	7	"	
10			S. E.	N. W.	3		29.73	74	76	74		"	"	6	"	
11			S. by E.	N. N. W.	2		29.76	74	76	74		"	"	4	"	
Mid.			N. N. W.	"	3		29.75	74	76	74		"	"	8	"	

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by — at — ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Tuesday, December 24th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and ends til 8 AM. Clear, cool and pleasant. Light breeze from North. Bar. steady last three hours of watch. Cross in hawse, port chain on top. Fires banked in two boilers.

L. K. Lentz
Lieut

From 4 to 8 AM. Clear, cool and pleasant. Gentle to moderate breeze from N.N.W. At 7.20 Flagship made gen. sig. 3350. Answered. At 7.45 made gen. sig. 4363. Flagship answered 904. At 7.55 Flagship made gen. sig. 3873. Answered. Received 12 gals. Diesel oil. Received fresh provisions for crew. Cross in hawse, port chain on top.

Saml Leslie
Ensign

From 8 AM. to Merid. Clear. Warm. Moderate breeze from N.N.W. shifting to the W'd. Am Officer from "Volage" called officially on Comdg. Officer. Comdg. Officer paid official calls to the foreign Men of War in harbor. Engaged painting ship outside. Cross in hawse, port chain on top. Received 1100 gals. fresh water.

E. P. Innett
Master

From Merid. to 4 PM. Clear and pleasant. Moderate to light breeze from W. by S. and W.S.W. Comdg. Officer of Italian Man of War "Garibaldi" called on Comdg. Officer. H.M.S. "Avon" came in. Clear hawse. Engaged in painting ship. Cleared hawse of an elbow.

Saml Leslie
Ensign

From 4 to 8 PM. Clear. Warm. Gentle breeze from S.W. shifting to N'd and W'd. Cir. cum. clouds. Clear hawse.

E. P. Innett
Master

From 8 PM. to Mid. Clear, cool, and pleasant. Light to gentle breeze varying from N. by W. to N.W. Elbow and cross in hawse.

Saml Leslie
Ensign

Moon's phase 1st qr, Dec 9, 28°

Examined and found to be correct.

Asa Walker
Lieut

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

Harbor of Monte Video, Uruguay.

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1			W.	N. N.	3.4		29.74	76	74	73		b. c. r.	Cir. Cum.	6	S.	
2			N.	"	3.5		29.73	76	75	73		"	"	6	"	
3			N. by E	"	3.4		29.72	76	75	73		"	"	5	"	
4			N. W.	"	3		29.70	74	72	70		"	"	6	"	
5			N. by W.	"	3		29.74	72	70	68		b. c.	"	6	"	
6			N. W.	"	3		29.77	71	71	69		"	"	4	"	
7			N. W. by W.	"	3.4		29.78	71	71	69		"	"	5	"	
8			N. W.	"	4.5		29.78	73	71	70		"	"	2	"	
9			S. W. by S.	"	4.7		29.80	75	78	75		"	"	4	"	
10			W. by N.	W. N. W.	4.6		29.82	76	77	75		"	"	5	"	
11			N. W. by W.	W.	4		29.80	76	77	75		"	"	3	"	
Noon.			W. by S.	"	3		29.80	76	78	76		"	"	3	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° ' "

Longitude by D. R. at Noon — ° ' "

Latitude by Observation at Noon ⊙ — ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ — ° ' "

Current during the time — knots — fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at — ° ' "

Water expended during the preceding 24 hours — 350 gallons.

Water — during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 25-50 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " — "

P. M.																
1			N. W. by W.	W.	2.3		29.78	76	77	75		b. c.	Cir. Cum.	2	S.	
2			W. N. W.	"	2.0		29.77	75	77	75		"	"	2	"	
3			N. W.	"	2		29.72	75	78	76		"	"	2	0	
4			N. N. W.	"	2		29.72	75	78	76		"	"	2	1	
5			"	E. S. E.	1		29.71	75	78	76		"	"	5	"	
6			"	Calm	0		29.70	79	80	76		"	"	7	"	
7			N. E.	N. E. by E.	1		29.70	78	80	76		"	"	8	"	
8			W. N. W.	Calm	0		29.70	79	79	76		"	"	8	"	
9			S. by E	"	0		29.70	76	78	76		"	"	8	"	
10			S. E.	N.	0-1		29.70	75	78	76		"	"	7	"	
11			"	"	1-0		29.70	75	77	74		"	"	7	"	
Mid.			E	"	0-5		29.70	75	76	73		"	"	6	"	

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by — at — ° ' "

under the command of Commander H. S. Schley, U. S. Navy,

Wednesday December 25th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Clear. Cool. Moderate breeze from N. W. blowing in gusts Cirrus clouds. At 3.50 a Spanish gunboat came in. Elbow in hawse.

E. P. Jewett
Master

From 4 to 8 AM. Cloudy. Pleasant. Gentle to fresh breeze from N. W. Barometer rising. Sea smooth. A spanish gunboat came in and anchored. Cleared hawse At 7.30 Flagship made 3 bells. ~~and~~ At 7.45 made sig. noteg. 6144. Flagship answered and made 904. And at 8.00 crossed 7 G. Yards.

C. B. T. Moore
Ensign

From 8 AM to Merid. Cloudy and pleasant. Fresh to gentle breeze from N. W. shifting to W^d. Barometer falling slowly. House clear.

Saml. Ends
Ensign

From Merid. to 4 PM. Cloudy. Pleasant. Gentle to light breeze from W^d. Barometer falling. Sea smooth. At 3.30 German Frigate "Albert" fired salute of 13 guns. Germany flag at the fore. Cross in house Abt. Chain on top. Transferred Henry Mullens (O.S.) to the U. S. Flag Ship Hartford.

C. B. T. Moore
Ensign

From 4 to 8 PM. Clear and pleasant. Calms and light variable airs. Barometer steady. House clear.

Saml. Ends
Ensign

From 8 PM to Mid. Clear and pleasant. Calm first hour Light airs from N. increasing to fresh breeze at end of watch Barometer steady. Sea smooth. At 10.30 Mail steamer came in and anchored. Cross in house, port chain on top

C. B. T. Moore
Ensign

Moon's phase 1st qr. Dec. S 20°

Examined and found to be correct.

Asa Walker
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex" , 3d Rate, 6 Guns,

Harbor of Monte Video, Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1			N.	N.N.W.	4		29.72	78	76	74		b.c.l	Cir. Cum	9	S.	
2			N.N.W.	"	3.5		29.72	78	76	70		"	"	9	"	
3			N.W.	N.W.	2		29.72	76	74	70		b.c.	"	9	"	
4			N.	"	2		29.72	76	72	70		"	"	8	"	
5			S.W. by W.	N.	2		29.65	75	72	69		0	"	0	"	
6			S.S.W.	N. by E.	1		29.65	72	72	70		b.c.	"	1	"	
7			"	S. E.	2		29.69	73	73	71		"	"	2	"	
8			S.	"	2		29.70	74	74	70		"	"	2	"	
9			S.S.E.	"	2.3		29.70	74	75	73		"	"	2	"	
10			S.E. by E	E.	3.4		29.70	75	76	73		"	"	4	"	
11			"	E.S.E.	3.4		29.67	75	77	74		"	"	3	"	
Noon.			S.E.	S.E. by E.	3.4		29.65	76	78	75		"	"	3	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours 300 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 2250 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.																
1			S.E. by S.	S.E.	2		29.65	76	77	75		0	Cir. Cum.	0	S.	
2			S.W. by W	S. by W.	2.5		29.65	75	74	72		"	Cum. Nim St	0	"	
3			S	S	3.5		29.65	72	71	70		S.Y.	"	0	"	
4			S.S.E.	S.S.E.	3.4		29.68	70	70	69		"	"	0	"	
5			S.	S.	3.4		29.65	72	71	69		"	"	0	"	
6			S.S.W.	W.	2.3		29.60	72	71	69		"	"	0	"	
7			N.W.	N.	2.3		29.65	71	71	70		"	"	0	"	
8			"	"	2.3		29.69	70	71	70		"	"	0	"	
9			"	"	1		29.70	70	70	69		b.c.	Cum. Nim	9	"	
10			S.	N by W.	2		29.70	70	70	69		S.L.	"	0	"	
11			S.S.E.	N.W.	2		29.70	69	70	69		b.c.	"	0	"	
Mid.			"	W.S.W.	2		29.71	69	71	70		"	"	7	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Thursday, December 26th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Clear and pleasant. Light to moderate breeze from S. W. and N. W. Lightning to S.E. & W.S.W. Bar. Steady. Moored ship. Crozier in hawse, port chain on top.

Saml Sergeant
Ensign

From 4 to 8. AM. Cloudy and pleasant. Warm. Light airs to gentle breeze fm N. and N. by E. first two hours, and from S.E. last two hours of watch. Bar. rising slowly. At 7.30 made intcy. sig. 5455. Hartford answered 904. Vessel sail at 8. Elbow in hawse, port chain on top.

C. K. Ferris
Lieut.

From 8 AM. to Merid. Warm and partially overcast. Gentle to moderate breeze from E. to S.E. by E. Cir. cum. clouds. At 9.15 inspected at quarters. By order of Comdr. confined John L. King (R. Mate) and Thos. Kelly (C. Top) to the berth deck for fighting. Comdg. Officers of Brazilian Ship "Amazonas" and Spanish Corvette "Couto" paid official visits, to Comdr. Italian Corvette "Governolo" left the harbor at noon. Hawse clear.

C. B. T. Moore
Ensign

From Merid. to 4 PM. Overcast and rainy. Light to stiff breeze shifting from S.E. to S. by W. Barometer commenced to rise latter part of watch. Made sig. to "Hartford" by Army code. Permission is requested to shift fore topsail. "Hartford" answered, Permission given. Shifted the fore topsail. Clear hawse

C. K. Ferris
Lieut

From 4 to 8 PM. Cloudy. Rainy. Light to moderate breeze from S. W. & N. Bar. rising. Sea smooth. At 6.20 Flagship made prep. sig. 2985. Answered.

C. B. T. Moore
Ensign

From 8 PM. to Mid. Clear first and last hours of watch. Cloudy rest of watch. Light breeze from N. W. to W.S.W. Barometer commenced to rise latter part of watch. Sea smooth. Hawse clear.

C. K. Ferris
Lieut

Moon's phase 1st qr Dec. S 15°

Examined and found to be correct.

Rad Walker,
Lt.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

Harbor of Monte Video, Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1			S. S. E	S.	2-3		29.71	70	72	70		b.c.	Cir Cum	7	d	
2			S. E	"	3-4		29.72	70	72	70		"	"	7	"	
3			"	"	2-3		29.74	70	71	70		"	"	7	"	
4			S. S. E.	"	2-3		29.74	70	71	70		"	"	7	"	
5			S	S.W.	1-2		29.74	73	70	70		"	"	6	"	
6			W.S.W.	W.	1-2		29.76	73	71	70		"	"	5	"	
7			S.S.W	N.W.	0-1		29.78	78	71	70		"	"	5	"	
8			S E	N.	1		29.82	73	72	70		"	"	5	"	
9			S	W.	1		29.79	71	74	72		b.c.r	Cum Nimb	2	"	
10			"	"	3-4		29.79	71	72	70		b.c.r.h	"	1	"	
11			"	S. S E.	3-4		29.80	68	68	67		b.c.	"	1	"	
Noon.			S. S. E.	"	3-4		29.80	68	68	67		"	"	1	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° — ′ — ″

Longitude by D. R. at Noon — ° — ′ — ″

Latitude by Observation at Noon ⊙ — ° — ′ — ″

Longitude by Chronometer from Forenoon Observations ⊙ — ° — ′ — ″

Current during the time — knots — fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° — ′ — ″

Variation of the Compass by Azimuth ⊙ observed at — ° — ′ — ″

Water expended during the preceding 24 hours — 250 gallons.

Water — during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 2000 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " — "

P. M.	Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
P. M.				S													
	1			S S E	S.S.E.	5-6		29.82	70	68	66		b.c	Cir.cum.	8	M.	
	2			"	"	5-6		29.84	70	68	66		"	"	6	"	
	3			"	"	5-6		29.84	69	67	66		"	"	8	"	
	4			"	"	5-6		29.84	68	67	66		"	"	8	"	
	5			S Ely S.	S. Ely S.	5-6		29.85	67	65	63		"	"	8	"	
	6			"	"	4-5		29.87	67	65	63		"	"	5	"	
	7			"	S.S.E.	4-5		29.89	67	65	63		"	"	3	"	
	8			S E by E	"	4-5		29.91	66	64	63		"	"	4	"	
	9			S S E	"	4		29.94	66	64	62		"	"	7	"	
	10			"	"	2-3		29.94	66	64	63		"	"	9	"	
	11			"	"	1-2		29.95	66	64	63		"	"	9	"	
	Mid.			S Ely S.	Calm	0		29.95	66	63	63		"	"	9	"	

Longitude by Chronometer from Afternoon Observations ⊙ — ° — ′ — ″

Longitude by Chronometer from Observations * — ° — ′ — ″

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° — ′ — ″

Variation of the Compass by — at — ° — ′ — ″

under the command of Commander W. S. Schley, U. S. Navy,

Friday, December 27th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Clear. Cool. Light to moderate breeze from S. Bar. rising. Sea smooth. Clear hawse.

C. B. T. Moore
Ensign

4 to 8 AM.

Clear. Pleasant. Light variable breeze. Cir. cum. clouds. Large German Steamer came in. Royal Mail Steamer came in. Recd on board fresh beef and vegetables for crew. At 7h 45m made sail 5455. Flag Ship answered and made general signal 904. At 8 loosed sail. Clear hawse. Current setting to Nd 0.6 Knots.

L. P. Jarrett
Master

8 AM. to Meridn.

Cloudy and pleasant. Light airs first part from West, increasing to moderate breeze and shifting to SSE. Barometer rising slowly. At 9 called to quarters and served out clean hammocks. Hail shower at 10. — By order of Comdg Officer Thos W. Hackett was rated from Lds to Armorer from this date inclusive. At 11 a Board of survey consisting of Lieut E.S. Houston, Lieut C.K. Curtis and Gunner J.R. Wilson met on board to survey articles in Ordnance Dept. A Board of Survey consisting of Lieut. E.S. Houston, Lieut W.P. Kay and Lieut. C.K. Curtis met on board to survey articles in Navigation dept. A Board of Survey consisting of Lieut. E.S. Houston, Lieut C.K. Curtis and Boatswain Robt Anderson met on board to survey articles in Equip't Dept. — Clear Hawse —

C. K. Curtis
Lieut.

Merid to 4 PM.

Clear & pleasant, Blowing a stiff SSE. breeze. Moderately rough sea. Sent liberty party on shore. At 2h 30m Flagship made Gen'l signal 6222, Annd. We made 4363. Flag ship Annd and made Gen'l sign'l 904

L. P. Jarrett
Master

4 to 8 PM.,

Cloudy, cool, pleasant. Moderate to fresh breezes from SSEly & to SSE. Barometer rising. Sea Moderate. Clear hawse.

C. K. Curtis
Lieut.

8 PM. to Mid.

Clear & cool. Gentle SSE. breeze flying out towards end of watch. Cir. cum clouds at 10h 00m moon set. Bright starlight. Clear hawse

L. P. Jarrett
Master.

Moons phase 1st qr dec S 10°.

Examined and found to be correct.

Asst Watters
Lieut.

Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate, 6 Guns,

Harbor of Montevideo, Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1			S & by S	Calm	0		29.93	67	63	63		b	none	10	S.	
2			S SW	"	0		29.93	66	63	63		"	"	10	"	
3			W.NW.	NNW.	2		29.92	65	60	60		"	"	10	"	
4			WSW.	"	2		29.92	64	60	60		"	"	10	"	
5			N.NW.	NW.	3		29.92	64	58	58		b.c.	Cumstr	9	m.	
6			W.NW.	"	2		29.93	63	57	58		"	Cum	9	"	
7			SW by W	"	2		29.94	63	60	60		"	"	9	S	
8			W	"	2		29.95	65	63	63		"	"	9	"	
9			SW.	W.	3		29.95	66	66	65		"	"	9	"	
10			S	"	4		29.94	68	68	67		"	"	9	"	
11			S.S.E.	"	4		29.93	69	72	70		"	"	9	"	
Noon.			"	"	4		29.92	70	74	72		"	"	9	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours 250 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 1750 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.															
			~~S.SW.~~												
1			S.S.W.	W.	5		29.91	70	74	72		b.c.	Cum.	9	S
2			SW.	"	4		29.90	71	74	72		"	Cum.Str	9	"
3			SW by W.	WSW.	4		29.88	72	74	73		"	"	9	"
4			"	"	4		29.87	72	75	73		"	"	9	"
5			W	W.	4		29.84	72	76	72		"	"	9	m.
6			NW.	NNW.	3		29.84	72	76	72		"	"	9	"
7			NNW.	NW.	3		29.84	72	75	72		"	"	9	S
8			"	"	1-2		29.83	70	75	72		"	"	9	"
9			NW by N	"	1-2		29.85	71	71	69		"	"	9	"
10			NW by N	"	2		29.86	71	71	69		"	"	9	"
11			N.NW.	"	3		29.85	71	70	68		"	"	9	"
Mid.			"	"	3		29.83	71	68	67		"	"	9	"

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Saturday Dec 28th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.,

Clear, cool & pleasant. Calm first two hours of watch, light breeze last two hours from N.W. Clear hawse

E. K. Curtis
Lieut.

4 to 8 A.M.

Clear Cool. Pleasant. Light breeze from N.W. At 7 30 Flag Ship made gen'l sig. 0350. And's By order of Cond'g officer Thos Kelly (C.T.) was released from confinement & restored to duty. Hawse clear

Saml Sands
Ensign

8 A.M. to Merid.

Clear & pleasant. Moderate westerly breeze. Cum. clouds A German and a Belgian Steamer came in and anchored: Cond'rs of French and Italian Gunboats called on Cond'g officer Clear hawse. Current about 0.6 knots setting to N°-

L. P. Jarrett
Master.

Merid to 4 P.M.

Clear & pleasant. Moderate breeze from W and W.S.W. Barometer falling. Hawse clear.

Saml Sands
Ensign

4 to 8 P.M.

Clear & pleasant. Moderate breeze from W. shifting to N.W. and falling light. Cum. Str. clouds. Cross in hawse at 3/4 chain on top.

L. P. Jarrett.
Master.

8 P.M. to mid.

Clear, cool & pleasant. Light to gentle breeze from N.W. Cross in hawse. at 3/4 chain on top.

Saml Sands,
Ensign.

Moon's phase 1st Qr Dec 8.5

Examined and found to be correct.

Asa Walker.
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate, Guns,

Harbor of Montevideo, Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1			N.W. by N.	N.W.	3		29.81	69	67	66		b.c.	Cum	9	S	
2			"	"	3		29.80	68	65	66		"	"	9	"	
3			N.W. by W.	"	3		29.78	67	64	65		"	"	9	"	
4			W.N.W.	"	3		29.76	67	64	64		"	"	9	"	
5			N.W. by N.	"	3-4		29.71	64	64	60		"	"	9	"	
6			N.W.	"	3-4		29.79	64	65	61		"	"	9	"	
7			N.W. by N.	"	3-4		29.80	66	66	63		"	"	9	"	
8			N.W.	"	3-4		29.80	68	70	65		"	"	9	"	
9			"	N.W.	5		29.80	75	74	70		"	"	9	"	
10			"	"	4		29.80	72	77	73		"	"	9	"	
11			N.W. by N.	"	3-5		29.79	72	78	75		b.	None	10	"	
Noon.			W. by N.	"	3-5		29.79	75	79	76		"	"	10	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours 150 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 1600 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.											
1	N.W.	N.N.W.	3-4	29.76	77	81	76	b.	None	10	S.
2	W. by S.	"	3-4	29.75	78	81	78	"	4	10	"
3	W.	W.	2-3	29.75	78	81	77	"	4	10	"
4	N.W.	"	2-3	29.72	76	79	75	"	4	10	"
5	W.S.W.	S.	2	29.72	76	79	77	"	"	10	"
6	N. by W.	W.S.W.	2	29.72	76	80	77	"	"	10	"
7	N.W. by W.	S.W.	1	29.74	77	79	77	b.c.	Cir. Str.	9	"
8	N.W. by N.	Calm	0	29.75	77	78	77	"	"	9	"
9	N.	N.E.	0-1	29.74	77	77	76	"	"	9	"
10	N.N.W.	"	1	29.74	75	75	74	"	"	9	"
11	W. by S.	N.N.W.	1	29.74	74	74	73	"	"	9	"
Mid.	S. by E.	"	1	29.74	74	74	73	"	"	9	"

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Sunday, December 29th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear. Cool. Gentle N.N.W. breeze cums Clouds. Bright starlight. Clear hawse.

L. P. Jewett
Master.

4 to 8 A.M.
Clear, cool and pleasant. Gentle to moderate breeze from N.N.W. Barometer rising slowly. Sea smooth. Cross in hawse

C. B. T. Moore
Ensign.

8 A.M. to Mend. Clear and pleasant. Gentle to stiff breeze from N.W. Bar. falling. At 9.45 mustered and inspected at quarters. English gunboat "Mallard" came in and anchored. Hawse clear.

Jam. Lynch.
Ensign

From Mend. to 4 P.M. Clear. Pleasant. Moderate to light breeze from W.N.W. and W. Bar. falling. Sea smooth. Cross in hawse.

C. B. T. Moore
Ensign

From 4 to 8 P.M. Clear and pleasant. Light breeze from S. & W. and calms. At 6. do Flagship made gen. sig. 29 85. Answered. Cross in hawse. Pt bb. Anchor on top.

Jam. Lynch.
Ensign

From 8 P.M. to Mid. Clear and pleasant. Light airs from N.E. & N.N.W. Barometer steady. Sea smooth. Elbow in hawse.

C. B. T. Moore
Ensign

Morris Island 1st qr dec N-1°

Examined and found to be correct.

Asa Walker.
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

Harbor of Monte Video, Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1			S.S.E.	N.W.	0-1		29.73	73	71	70		b.	None	10	S.	
2			W. by S.	"	1-2		29.73	73	71	70		"	"	10	"	
3			N.N.W.	N.N.W.	2		29.73	72	68	66		"	"	10	"	
4			N.W by N.	N.W.	3		29.73	72	67	66		b.c.	Cir. Cum. & Str.	8	"	
5			N.N.W.	N. by W.	1-2		29.74	68	66	65		"	Cir. Cum.	7	"	
6			N. by W.	"	1-2		29.75	69	68	66		"	"	7	"	
7			"	N.	1-2		29.77	69	70	67		"	"	7	"	
8			"	"	1-2		29.77	71	73	70		"	"	7	"	
9			N.N.W.	N.N.W.	2		29.76	75	79	74		"	"	6	"	
10			N.W.	N.W.	3		29.76	75	78	73		"	"	6	"	
11			W.N.W.	N.W. by W.	3		29.76	77	81	77		"	"	5	"	
Noon.			S.W. by S.	N.W. by N.	3.4		29.74	77	81	77		"	"	7	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours 150 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 1450 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.											
1		S.	S. 9°W by S.	3-4	29.73	76	80	76	b.c.	Cir. Cum	6	S.	
2		"	S.S.W.	3-4	29.72	76	78	75	"	"	5	"	
3		"	S.	3-4	29.72	76	76	74	"	"	3	"	
4		S. by E.	S.S.E.	3-4	29.70	75	75	72	"	"	2	4	
5		S.S.E.	E.S.E.	3	29.68	75	75	72	"	"	2	4	
6		S.E.	E.	3	29.65	75	75	73	"	"	2	"	
7		S.E. by E.	E.	3	29.65	75	75	73	"	"	3	4	
8		E. by N.	E.N.E.	2	29.62	74	74	72	"	"	5	"	
9		E.S.E.	E.	1	29.64	74	74	72	b.c.l.	"	4	"	
10		S.E.	E.S.E.	0-1	29.64	74	74	72	b.c.l.t.	Nimbus	0	"	
11		S.E. by E.	S.	1-2	29.65	74	74	72	b.c.l.t.p.	"	6	"	
Mid.		S.E. by E.	S.	1-2	29.67	74	74	72	"	"	0	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander W. A. Schley, U. S. Navy,

Monday, December 30th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Clear, cool and pleasant. Light to gentle breeze from N. W. and N. N. W. Ebb and crossing hawse

Land Lundy
Ensign

From 4 to 8 AM. Clear and pleasant. Light breze from N. by W. and N. Cleared hawse. At 7.55 made intog. sig. 5745 - "Hartford" answered and made 9 o'c. At 8. loosed sail. Crossing hawse, stbd chain on bow.

C. K. Curtis
Lieut.

8 AM. to Merid. Clear, warm and pleasant, with light to moderate breeze from N. N. W. to N. W by W. Cir. cum. clouds. Barometer steady. At 9.15 mustered at quarters. Jas. Barry (P. Mas.) Francis Giles and Jas. Hughs (2. C. F.) John P. Roberts (Eds E. F.) M. F. O'Donnell and Wm. Sweeney (P. M. Corpl U.S.M.C.) absent without leave, having overstayed liberty M. F. O'Donnell (Priv. Mar) returned to the ship. At 10.00 AM. made sig. Intog. 4826. Flagship answered 9 o'c. Furled sail. Sent liberty party on shore.

C. B. T. Moore
Ensign

Merid. to 4 PM. Clear and pleasant. Moderate to fresh breeze from S. W. by S. to S. S. E. At 3.20 "Hartford" made gen. sig. 2984. Answered. Jas. Barry (P. Mas.) returned on board

C. K. Curtis
Lieut.

4 to 8 PM. Pleasant and partially overcast, with moderate to light breeze from S. E. to E. N. E. Received on board in Construction Department the following Stores 20 Gal. Paint Oil, 10 gals. Turpentine, 10 sheets Tin, 5 lb. Chalk, 10 Glass Lights, 2 lbs. Glue, 20 ft. 2 in. Ash Plank. Received in Paymasters Department 5 Boxes Candles. Jas. Hughs and Francis Giles (2 C. F.) returned on board. Whale Boat unhooked while hoisting, but was not damaged.

C. B. T. Moore
Ensign

8 to Mid. Over cast and cloudy. Thunder and lightning to the S. & W. Passing showers, latter part of watch. Light breze from E. to S. Clear hawse.

C. K. Curtis
Lieut.

Moon's phase New Moon, Dec N. 6°

Examined and found to be correct.

Asa W. Tabor
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

Harbor of Montevideo. Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1			S. by E.	S.	6.8		29.70	71	69	67		O.V.	Nimb.	0	M.	
2			"	"	6.8		29.65	70	68	67		"	"	0	"	
3			S. E.	S. E.	3		29.64	70	69	67		"	"	0	"	
4			S. E. by E.	N. E.	3		29.62	70	70	69		"	"	0	"	
5			S. S E	E by E.	2-3		29.62	70	70	69		O.C.V.	"	0	S	
6			S	"	2		29.62	70	69	67		O.C.	"	0	"	
7			S. S W.	Calm	0		29.62	70	69	68		"	"	0	"	
8			S W.	S E	0-1		29.62	71	70	68		"	"	0	"	
9			W N W.	"	0-1		29.62	71	70	69		"	Cum. Nimb	0	"	
10			N by W.	N W by W	0-1		29.62	71	70	70		"	"	0	"	
11			N W	N W	1-2		29.61	71	72	70		"	Cir. Cum. & Nimb	0	"	
Noon.			W N W.	W.	1-2		29.61	71	73	70		O.C.V	"	0	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ′ ″

Longitude by D. R. at Noon ° ′ ″

Latitude by Observation at Noon ⊙ ° ′ ″

Longitude by Chronometer from Forenoon Observations ⊙ ° ′ ″

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ′ ″

Variation of the Compass by Azimuth ⊙ observed at ° ′ ″

Water expended during the preceding 24 hours 200 gallons.

Water received during the preceding 24 hours 1600 "

Water remaining on hand fit for use at Noon 28 50 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.												
		W N W.										
1		W N W.	W.	2-3	29.60	71	72	70	O.C	Cum. Nimb	S	
2		"	S W	3-4	29.59	71	72	70	"	"	"	
3		S. S W.	S S W.	5-8	29.60	70	69	67	O.C.Q.	"	M.	
4		"	"	7-9	29.60	67	65	63	"	"	R.	
5		S W by S	"	6-8	29.60	65	63	61	O.C.Q.	"	"	
6		S W.	S W.	7-9	2964	65	60	59	O.C.Q.R.	"	"	
7		"	"	1-3	2961	65	60	59	O.C.P	Nimb	M	
8		"	"	2-4	29.58	65	61	60	O.C.Q.R.	"	"	
9		W	W.	3-5	2957	65	65	59	"	"	"	
10		W N W.	W by N.	5-7	29.55	67	61	59	"	"	"	
11		W	W by S	7-10	2954	66	59	59	"	"	R.	
Mid.		S W.	S W.	7-10	29.56	66	58	57	"	"	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ′ ″

Longitude by Chronometer from Observations * ° ′ ″

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ′ ″

Variation of the Compass by at ° ′ ″

under the command of Commander W. S. Schley, U. S. Navy,

Tuesday, December 31st, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Overcast, rainy and cool. Heavy squall from S. lasting two hours. Latter part of watch wind dying out and shifting N.E. Unshipped port accommodation ladder. Crossed in Kansas, port chain on top.

C. B. T. Moon
Ensign

4 to 8 A.M.

Overcast & cloudy. Rainy the first hour of watch. Light breeze from N'ly & E'ly. Rec'd 145 lbs fresh beef and 145 lbs vegetables. Rec'd 1600 gals water. Clear hawse. At 7h 30m Flag Ship made Prep signal 3350. Ans'd.

L. P. Jarett
Master.

8 A.M. to Noon.

Cloudy and pleasant. Light airs to light breeze from SE to NW. Thunder to SW & W latter part of watch. Mustered crew at quarters at 9h 15m. Wm Linkins (P.M.) and J. P. Roberts (Ord.) absent without leave. Clear hawse —

Lt. K. Lewis
Lieut.

Noon to 4 P.M.

Cloudy and pleasant first two hours, latter two heavy squalls from SSW. At 2h 45m sent down topgallt yards. At 3 veered to 55 fms on port chain. A French man-of-war came in and anchored. Ord. Seamen W. H. Allen, R. Henderson, W. G. Hannum, and J. D. Griffin were detached by order of Navy Dept. & ordered home, to report arrival.

L. P. Jarett
Master.

4 to 8 P.M. —

Moderate gale with heavy squalls from SSW and SW; first two hours moderating last two to light breeze. Cloudy with passing showers of rain. At 4h 30m sent down topgallt-masts. At 7 hove in to 45 fms on port chain. Clear hawse —

Lt. K. Lewis
Lieut.

8 P.M. to Midn.

Overcast, cloudy and raining. Blowing very heavy from W. by N. to S.W. At 11h 55m started fires under four boilers. Clear hawse —

L. P. Jarett
Master.

Moon's phase 1st Qr Dec 31st 11h

Examined and found to be correct.

Asaph Hall
Lieut

Navigator.

LOG of the UNITED STATES *Essex*, 32 Rate, Guns,

Harbor of Montevideo

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1			S.W. by S	S.W. by S	8-10		29.58	65	58	57		o.c.p.q	Cumb.	0	R	
2			S.S.W.	S.S.W.	8-10		29.59	65	58	57		"	"	0	"	
3			S.W. by S	S.W. by S	7-9		29.63	65	58	57		"	Cum. Mixed	0	"	
4			"	"	7-8		29.65	65	58	57		"	"	0	"	
5			S.W.	S.W.	7-8		29.66	65	59	58		b.c.p.q.	"	2	"	
6			S.W. by W.	S.W. by W.	7-8		29.68	65	59	58		"	"	3	"	
7			"	"	6-7		29.74	65	59	58		b.c.q.	"	4	"	
8			"	"	6-7		29.75	65	59	58		"	"	4	"	
9			S.W.	S.W.	6-7		29.80	63	59	57		"	"	8	"	
10			S.W. by W	"	6-7		29.87	61	60	58		"	"	2	"	
11			"	"	6-7		29.87	61	60	58		"	"	4	"	
Noon.			"	"	6-7		29.87	61	61	59		"	"	4	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° ' "

Longitude by D. R. at Noon — ° ' "

Latitude by Observation at Noon ⊙ — ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ — ° ' "

Current during the time — knots — fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at — ° ' "

Water expended during the preceding 24 hours — 200 gallons.

Water — during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 2600 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " — "

P. M.																
1			S.W. by W	S.W. by W.	5-7		29.87	65	61	59		b.c.q.	Cum. Mixed	4	R.	
2			"	"	7-8		29.83	65	61	59		b.e.f.q.	"	2	"	
3			"	"	6-7		29.84	65	61	59		"	"	2	"	
4			"	"	6-7		29.83	65	61	59		b.e.f.g.k.	"	2	"	
5			"	"	6-7		29.85	65	62	60		b.c.q.	"	2	"	
6			"	"	6-7		29.85	65	62	60		"	"	3	"	
7			S.S.W.	S.W.	5-6		29.87	65	63	60		"	"	2	"	
8			S.W.	"	5-6		29.86	65	63	61		b.c.q.f.	"	1	"	
9			S.W. by S.	S.W. by S.	5		29.86	63	63	61		b.c.q.	"	4	"	
10			"	"	5		29.89	61	62	60		b.e.	"	5	"	
11			"	"	4		29.89	61	62	60		"	"	5	"	
Mid.			"	"	4		29.89	61	62	60		"	"	3	"	

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by — at — ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Wednesday, Jan'y 1st, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Cloudy with passing showers, first two hours. Fresh gale from S.W.by S. and S.S.W. Frequent very heavy squalls. Moderating latter part of watch. Clear hawse.

C. V. Lewis
Lieut.

4 to 8 A.M.
Cloudy with passing showers first two hours. Fresh pampero from S.W. and S.W.by W. moderating latter part. Sea rough. At 5 brought to on port chain and hove up port anchor, steaming ahead at same time. Let go anchor again forming elbow in hawse, port chain on top. Veered to 45 fms on port chain. At 7.30 Flag ship made gen'l signal 3350, And'y. Fires in four boilers. Av. steam pressure 70 lbs.

Saml Lyle
Ensign.

8. AM. to Mid.
Cloudy and squally. Moderate gale from S.W. Elbow in hawse, port chain on top. Fires under four boilers. Av. Steam pressure 50 lbs.

L. P. Jewett
Master

Mid. to 4 P.M. Cloudy and squally, with passing showers of rain. Hail squall last hour. Barometer unsettled. Sea rough. Wind from S.W. by W. varying in force from 6 to 7. Fires in four boilers. Av. st. pressure 50 lbs. Elbow in hawse, port chain on top.

Saml Lyle
Ensign

4 to 8 P.M. Cloudy and squally with passing showers of rain last hour. Barometer steady. Very fresh breeze from S.W. Elbow in hawse. Fires under four boilers - Av. st. pressure 55 lbs.

L. P. Jewett
Master

8 P.M. to Mid. Clear and cool, with fresh to moderate wind from S.W. by S. Barometer rising slowly. Bright moonlight. Fires in four boilers. Av. st. pressure 55 lbs. Elbow in hawse, port chain on top.

Saml Lyle
Ensign

Moon's phases Key West N 16°

Examined and found to be correct.

Asa Walker
Lieut

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

Harbor of Monte Video, Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1			S. W.	S. W.	4.5		29.90	64	67	60		b.c.	Cum.	7	M.	
2			"	"	4.5		29.92	64	61	60		"	"	8	"	
3			S. W. by W.	S. W. by W.	4.6		29.92	63	61	60		b.	None	10	"	
4			"	"	4.5		29.94	63	67	60		"	"	10	"	
5			S. W.	S. W.	5.4		29.93	61	61	59		"	"	10	"	
6			"	"	5.4		29.95	61	67	59		b. c.	Cir. Cum.	9	S.	
7			"	"	4		29.97	67	63	60		"	"	8	"	
8			"	"	4		29.97	64	63	60		"	"	6	"	
9			"	"	3		29.97	64	64	62		"	"	7	"	
10			"	"	3		29.98	65	65	64		"	"	7	"	
11			"	"	2		29.98	65	65	64		"	"	7	"	
Noon.			"	"	2		29.98	65	66	64		"	"	7	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours 200 gallons.

Water during the preceding 24 hours " "

Water remaining on hand fit for use at Noon 2400 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.															
1		S. W.	S. W.	2	29.98	66	63	67	b. c.	Cir. Cum	8	S.			
2		S. W. by W.	W. S. W.	2	29.97	67	69	66	"	"	5	"			
3		S. S. W.	W. N. W.	2	29.97	67	69	66	"	"	4	"			
4		S by E.	W by S.	2	29.96	67	71	68	"	"	6	"			
5		"	S. W.	2	29.95	69	72	69	"	"	6	"			
6		S. E.	"	2	29.95	68	71	69	"	"	6	"			
7		"	"	2.1	29.95	67	69	68	"	"	8	"			
8		North	North	2	29.95	67	67	67	"	"	9	"			
9		N. N. E.	N. E. by N.	2	29.95	67	67	66	b.	None	10	"			
10		"	"	3	29.95	67	65	64	"	"	10	"			
11		"	"	4	29.95	66	63	61	"	"	10	"			
Mid.		"	"	5	29.95	65	62	60	"	"	10	"			

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Thursday Jany. 2d, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

From Mid to 4 AM. Clear and cool. Moderate to fresh breeze from S.W. Elbow in hawse. Fires under four boilers. Av. pressure 45 lbs. ~~Fires under four boilers.~~

L. P. Jowett
Master

4. to 8 AM. Clear and cool, with stiff to moderate breeze from S.W. At 7.20 Flagship made gen. sig. 3350. Answered. Elbow in hawse, port chain on top. Steam in four boilers.

C. B. T. Moore
Ensign

From 8 AM. to Merid. Clear and pleasant, with light to gentle breeze from S.W. Barometer steady. Cleared hawse of an elbow and hove up starboard anchor. Steamed ahead and let go starboard anchor. Moored ship with 30 fms. in each chain, open hawse to S.W. by W. At 11.00 A.M. made int. sig. 5409 "Hartford" answered and made 904. Fiddled top galt. masts, crossed top galt. yards and loosed sail. At 11.40 made int. sig. 4057, "Hartford" answered and made 904. Hauled fires. By order of Comdr. Thos. Kelly (C.T.) was placed in solitary confinement bread and water, for attempting to smuggle liquor on board. Cadet Midshipmen J. M. Bonnieby, J. H. Oliver, and W. S. Benson, reported on board for duty, having been detached from the "Hartford", and ordered to this ship by order of Rear Admiral E. T. Nichols. Pacific mail steamer went to sea. Hawse clear.

Saml. Smith
Ensign

Merid. to 4 PM. Clear and pleasant. Light breeze from S.W. to W.N.W. At 8.20 made sig. int. 4826. Flagship answered 4 ott. Furled sail. Washing ship outside. Clear hawse. British gunboat "Mallard" steamed out of harbor.

C. B. T. Moore
Ensign

4 to 8 PM. Clear and pleasant, light breeze from N.W. and North. Sea smooth. Barometer steady. At 6.35 Flagship made genl. sig. 2985. Answered. At 7.15 she made prep. 6143 and at ~~6143~~ Answered and sent down top. galt. yards. Cross in hawse. Port chain on top.

Saml. Smith
Ensign

8 PM. to Mid. Clear and cool. Light to stiff breeze from N.E. by N. Barometer steady. By order of Commanding Officer, temporarily released Thos. Kelly (C.T.) from confinement on recommendation of the Medical Officer, for medical treatment. Cross in hawse, port chain on top.

C. B. T. Moore
Ensign

Mean pleasant 2d qr Lee N. 20°

Examined and found to be correct.

A. A. Walker
Lieut

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

Harbor of Monte Video, Uruguay.

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1			N. N. E.	N. N. E.	4		29.95	64	59	58		b.	None	10	S.	
2			"	"	4		29.95	63	59	58		"	"	10	"	
3			N E by N.	N.E. by N.	4		29.95	62	58	58		"	"	10	"	
4			"	"	4		29.95	62	58	58		"	"	10	"	
5			"	N.	4		29.99	62	59	58		b. c.	Str.	9	"	
6			N.	"	4		30.00	63	59	58		"	"	9	"	
7			"	"	4		30.05	63	60	59		"	"	9	"	
8			N N W.	N N W.	4		30.05	64	64	62		"	"	9	"	
9			N. W.	N. W.	3		30.07	66	68	63		"	Cir. Cumu	8	"	
10			"	W. N. W.	3		30.10	69	71	68		"	"	8	"	
11			S. W.	W. S. W.	4		30.10	69	71	68		"	"	4	"	
Noon.			"	S. W.	3		30.10	68	70	66		"	"	2	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° ' "

Longitude by D. R. at Noon — ° ' "

Latitude by Observation at Noon ⊙ — ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ — ° ' "

Current during the time — knots — fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at — ° ' "

Water expended during the preceding 24 hours — 200 gallons.

Water — during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 2100 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " — "

P. M.																
1			S. S. W.	S. S. W.	5		30.10	69	70	68		b. c	Cir. Cumu	4	S.	
2			S.	S.	4		30.10	69	71	68		"	"	3	"	
3			S by E.	S by E	2-3		30.09	71	72	68		"	"	4	"	
4			S. S E.	S. S. E.	3-4		30.09	71	72	68		"	"	4	"	
5			S. E by S.	S. E by S.	4		30.10	71	72	68		"	"	4	M.	
6			"	"	5		30.13	71	68	66		"	"	2	"	
7			S. E.	S. E.	5		30.15	68	66	64		"	"	2	"	
8			"	"	5		30.15	68	65	64		"	"	2	"	
9			S E by S.	"	5		30.15	69	64	63		"	Nimb Str.	1	"	
10			S. E.	"	4.6		30.15	69	64	64		0. C.	"	0	"	
11			S. E by S.	"	4.6		30.15	69	64	64		"	"	0	"	
Mid.			S. E.	"	4.6		30.15	69	64	63		"	"	0	"	

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by — at — ° ' "

under the command of Commander H. A. Schley, U. S. Navy,

Friday, January 3rd, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Cloudless and cool. Moderate breeze from N. N. E. & N. E. by N. Barometer steady. Crass in hawse, Jos. Chapman Jos. Lindley, Ensign

From 4. to 8. AM. Clear and pleasant. Moderate breeze from N. to N. N. W. At 7.30 Flagship made gen. sig. 3950, and at 7.30 prep. 6069. At 8. 6069. Crossed top gall. and royal yards. Crass in hawse. Sent chain on board.

C. K. Curtis
Lieut

From 8. AM. to Mid. Clear and pleasant. Gentle breeze from N W. to W. N. W. latter part cloudy wind shifting to S.W. and freshening to stiff breeze. At 10 ship swung to starb'd. Elbow in hawse. 11 30 - Cleared hawse. At 9.15 inspected crew at quarters. Wm. Linburg (P.M.) and John O Roberts (Ord's Sea't) absent five days without leave. F. Wolfinger (O.S.) M. J. King (Ord's) J. W. Green (Ord's) Geo Remijd (Sea) Thos C. Reutz (O.S.) Pedear Olsen (Sea) Jer. O'Brien (C.C.) and F. Porter (C.H.) absent 24 hours without leave, offered ten dollars reward for apprehension of above men. Riding to open hawse.

C. B. T. Moore
Ensign

Mid. to 4 PM. Pleasant. Light to moderate breeze from S.S.W. to S.S.E. Fred. Porter (C.H.) returned on board. At 3.30 Flagship made genl. sig. 2984. Answered.

C. K. Curtis
Lieut

From 4 to 8 PM. Cloudy, cool and pleasant. Moderate to stiff breeze from S.E. by S. to S.S.E. At 6.05 veered to 45 fms. port chain. At 7 Flagship made prep. sig. 6070 Answered. At sunset sent down Royal Yards. At 5.10 P. Olsen (Sea) Geo. Remije (Sea) Thos. C. Reutz (O.S.) and F. Wolfinger (O.S.) returned on board.

C. B. T. Moore
Ensign

8 to 12 PM. Weather overcast and cloudy. Wind light, to moderate squalls from S.E. Moderate sea. Clear hawse.

C. K. Curtis
Lieut

Moon's phase 2d qr Dec N. 23°

Examined and found to be correct.

Asa Walker
Lieut

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

Harbor of Monte Video, Uruguay.

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1			S.S.E.	S.by S.	4.6		30.15	65	64	63		b. q.	Cr. Cum	0	M.	
2			"	"	4.6		30.15	65	64	63		"	"	0	"	
3			"	"	4.6		30.15	65	64	63		"	"	0	"	
4			"	"	4.6		30.15	65	64	63		"	"	0	"	
5			"	"	4.6		30.18	65	63	62		c.	Cum. Nimb	0	S.	
6			S. by S.	"	4.5		30.22	64	62	61		"	"	0	"	
7			"	S.E.	3.4		30.22	64	62	61		"	"	1	"	
8			"	"	4		30.23	64	62	61		"	"	1	"	
9			"	"	4		30.23	64	63	61		b. c.	Cum. Str	2	"	
10			"	"	4		30.26	63	64	61		"	"	2	"	
11			"	"	4		30.25	63	63	61		"	"	3	"	
Noon.			"	"	4.5		30.25	63	63	61		b. c. q.	Cr. Cum.	3.4	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° ' "

Longitude by D. R. at Noon — ° ' "

Latitude by Observation at Noon ⊙ — ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ — ° ' "

Current during the time — knots — fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at — ° ' "

Water expended during the preceding 24 hours — 250 gallons.

Water — during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 1750 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " "

P. M.																
1			S.E. by S.	S.E.	4.5		30.24	63	63	60		b. c.	Cr. Cum.	3	M.	
2			"	"	4.5		30.24	63	63	60		"	"	3	"	
3			"	"	4.5		30.22	63	63	60		"	"	4	"	
4			"	"	4		30.21	63	62	60		"	"	4	"	
5			"	"	4		30.20	63	62	60		"	"	6	"	
6			"	"	3		30.20	63	62	60		"	Cr. Nim.	1	S	
7			"	"	2.3		30.20	63	61	59		o. c.	Nim. Cum	0	"	
8			S.E.	"	2.3		30.20	63	61	59		"	"	0	"	
9			"	"	4.6		30.20	63	60	59		o. c. q.	"	0	M	
10			S.S.E.	"	3.5		30.19	63	60	59		"	"	0	"	
11			"	"	3.5		30.18	63	60	59		"	"	0	"	
Mid.			"	"	2.4		30.17	63	60	59		"	"	0	"	

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by — at — ° ' "

under the command of Commander H. S. Kelley, U. S. Navy,

Saturday January 4th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Overcast, cool and pleasant. Moderate to stiff breeze from S.E by S. frequent moderate wind squalls. Clear hawse Moderate sea -

C. B. T. Moore
Ensign

4 to 8 AM. Cloudy and cool. Gentle to moderate breeze from S.E. Smooth sea. Clear hawse.

L. P. Jarrett
Master

8 AM. to Merid. Clear and cool but pleasant, with fresh breeze from S.E. squally last hour. Cir. cum str. clouds. Smooth to moderate sea. Private Limbury brought on board by the Sergeant of the Guard. Clear hawse

C. K. Lewis
Lieutenant

Merid to 4 PM. Cloudy and cool. Moderate breeze from S.E. Moderate sea. Bar. falling. Clear hawse. H. B. M. S. "Elk" came down the river and anchored in the inner harbor, about 2 o'clock

L. P. Jarrett
Master

From 4 to 8. Clear and pleasant first part, overcast and ~~Cloudy~~ cloudy latter part. Moderate to gentle breeze from S.E. Moderate to smooth sea. Clear hawse.

C. K. Lewis
Lieutenant

8 P.M. to Mid. Overcast and cool - Moderate breeze in squalls from S.E. Moderate sea. Bar. falling slowly. Clear hawse. Reconfined Thos. Kelley (C.M.S.). Solitary confinement on bread and water.

L. P. Jarrett
Master

Moon's phase 2d qr Dec N 25°

Examined and found to be correct.

Asa Walker
Lieut

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

Harbor of Montevideo, Uruguay.

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1			S.E.	S.E.	3		30.17	63	66	58		o.c.	Cum. Nimb	0	A.	
2			"	"	3		30.16	63	60	58		bc.	"	2	"	
3			S.S.E.	"	2		30.15	63	60	58		"	Nim. Str.	6	"	
4			"	S.S.E.	2.3		30.15	63	59	57		"	"	6	"	
5			S by E.	"	2.3		30.15	62	58	57		"	Cir. Str.	7	"	
6			"	"	2		30.15	62	59	58		"	"	9	"	
7			"	"	2		30.15	63	61	59		"	"	9	"	
8			"	"	3		30.17	64	62	60		"	"	9	"	
9			S.	S.	3		30.17	64	63	61		"	"	8	"	
10			"	S.S.E.	3.4		30.16	64	63	62		"	"	8	"	
11			S by E.	"	3.4		30.16	64	63	62		"	"	7	"	
Noon.			S.	"	3-4		30.16	65	64	62		"	"	7	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° ' "

Longitude by D. R. at Noon — ° ' "

Latitude by Observation at Noon ⊙ — ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ — ° ' "

Current during the time — knots — fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at — ° ' "

Water expended during the preceding 24 hours — 250 gallons.

Water — during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 1370 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " — "

P. M.																
1			S.S.W.	S.S.E.	4		30.15	65	65	63		b.c.	Cir. Cum	8	S.	
2			S. by E.	"	4		30.13	65	65	64		"	"	9	"	
3			S.S.E.	"	4		30.13	66	66	65		"	"	9	"	
4			S. by E.	S. by E.	3.4		30.12	66	66	65		"	Cir. Str.	9	"	
5			"	S.S.E.	2.3		30.11	66	66	65		"	"	9	"	
6			S.S.E.	S.E. by E.	2		30.11	66	65	63		"	"	9	"	
7			S.E.	E.S.E.	1		30.11	66	64	62		b.	None	10	"	
8			E. by S.	E.N.E.	1		30.09	65	63	61		"	"	10	"	
9			N.E. by E.	N.E.	1.2		30.10	64	64	63		"	"	10	"	
10			"	"	1		30.10	64	64	63		"	"	10	"	
11			N.N.E.	N.N.E.	1.2		30.10	64	62	61		"	"	10	"	
Mid.			N. by E	"	2.3		30.10	64	61	60		"	"	10	"	

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by — at — ° ' "

under the command of Commander U. S. Schley, U. S. Navy,

Sunday. January 5th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Overcast first hour. Clear and pleasant rest of watch. Mim. str. clouds. Gentle breeze from S.E. Smooth sea. J. W. Greene (Lds) returned 3 p. days. over leave. Clear hawse

W. D. Benson
Cadet Midshipman

From 4 to 8 AM. Clear and pleasant weather. Gentle breeze from S.S.E. Bar. at 8 a.m. 30.17, rising slowly. Smooth sea. Riding to flood tide. Clear hawse.

Saml. Sands
Ensign

From 8 AM. to Mid. Clear and pleasant. Gentle to moderate breeze from S.S.E. Clear hawse. Abg. 4 & 5 assembled at quarters and had general inspection. At 10.15 Mustered the crew, and read the "Articles for the Government of the Navy". Found W. J. King (Lds) and J. P. Roberts (Lds. E.F.) absent without leave. By order of Cmdg. Officer Confined John W. Greene (Lds) in double irons, to await trial by Court Martial. Offense, overstaying leave and disobedience of orders.

L. P. Jouett
Master

From Mid. to 4 PM. Clear and Pleasant. Gentle to moderate breeze from SbyE. to S.S.E. Clear hawse. Sent a special liberty party of 19 men, to remain until 7 a.m. Janry. 6th

Saml. Sands
Ensign

From 4 to 8 PM. Clear and pleasant. Gentle decreasing breeze from S.S.E. to E.N.E. Smooth sea. Bar. falling. Clear hawse. Returned on board W. J. King (Lds) 85 hours over leave and John P. Roberts (Lds. E.F.) 172 hours over leave. By order of Cmdg. Officer both are confined in double irons to await trial by court martial. for the offense of overstaying leave.

L. P. Jouett
Master

From 8 PM. to Mid. Clear and pleasant. Light breeze from N.N.E. to N.E. Crossing hawse, Port chain aboard. John P. Roberts (Lds.) upon recommendation of Medical Officer released from Confinement for treatment.

Saml. Sands
Ensign

Moon's phase 2d Qr. See N. 27°

Examined and found to be correct.

Asa Walker
Lieut
Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

Harbor of Monte Video, Uruguay.

Hours	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1			N. N. E.	N.	1		30.08	64	60	60		b.	None	10	S.	
2			N.	"	1.V		30.08	64	59	59		"	"	10	"	
3			N. by E.	"	1		30.07	63	59	59		"	"	10	"	
4			"	"	1		30.07	63	59	59		b. c.	Cir.	9	"	
5			"	S by E.	1		30.07	63	57	58		"	"	9	"	
6			"	"	1		30.08	63	58	56		"	"	9	"	
7			"	"	1		30.10	63	58	56		"	"	9	"	
8			E N. E	Calm.	0		30.11	63	65	64		"	"	9	"	
9			S. E. by E.	"	0		30.11	64	67	66		b.	None	10	"	
10			"	"	0		30.11	65	67	66		b. m.	"	10	"	
11			S. S. E.	South	1		30.11	66	68	66		"	"	10	"	
Noon.			S. E. by S.	S. E.	V		30.10	67	69	67		b.	"	10	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours 300 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 1200 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.																
1			E. S. E.	E. S. E.	3		30.08	67	68	67		b. c.	Cir. Cum	9	S.	
2			E.	"	3		30.08	68	69	67		"	"	9	"	
3			E. S. E	"	4		30.07	68	71	68		"	"	7	"	
4			"	"	4		30.05	69	71	69		"	"	9	"	
5			"	E.	3		30.07	70	71	68		b.	None	10	"	
6			E.	"	4		30.02	70	71	68		"	"	10	"	
7			"	"	4		30.01	69	70	68		b. z.	"	10	"	
8			"	"	4		30.01	69	69	67		"	"	10	"	
9			E. N. E.	E. N. E.	4		30.00	69	69	66		b. c.	Cir. Str.	9	"	
10			"	"	4.5		30.00	69	68	67		"	"	9	"	
11			"	"	4.5		30.00	68	67	65		"	"	9	"	
Mid.			N. E. by E.	N. E. by E.	4.5		30.00	67	65	63		"	"	9	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander H. A. Schley, U. S. Navy,

Monday, January 6th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Clear and cool. Light North breeze. Sea smooth. Crass in the hawse.

L. P. Jewett
Master

From 4 to 8 AM. Clear and pleasant. Light airs from N. by E. Liberty party returned on board. At 7.30 "Hartford" signaled 3856. Answered. At 7.43. Prep. 6871. Answered. At 8 Crossed royal yards. Crass in hawse, port chain on top.

C. B. T. Moore
Ensign

From 8 AM. to Merid. Clear and pleasant, light airs and calms. Clear hawse. Pilot Franks Sea reported. the expiration of his term of service. At 9. 15 Went to general quarters, and the divisions reported ready as follows, 1st Div. 2 M. 55 sec., 2d Div. 1 M. 45 sec., Eng. Div. 30 sec., Pow. Div. 2 M. 20 sec. Marines 30 sec. Nav. 1 M. 45 sec. XI in. shifted pivot 1 M. 42 sec. Secured at 9. 35 in 3 M. 30 sec. Rich. Jones (Alg. Pilot.) absent without leave, returned on board at 11. A Medical board composed of Med. Insp. A. C. Gorgas, P.A. Surg. A. M. Moore, and P.A. Surg. G. P. Bradley convened on board to survey Lt. Comdr. John Schouler. Overhauled bags and made out monthly clothing requisitions.

Lawr. Sanford
Ensign

From Merid. to 4 PM. Clear and pleasant. Gentle to moderate breeze from E. S. E. Overhauling both chains. Reeving end for end, fore, and fore topsail braces. At 2.15 "Hartford" signaled 2984. Answered. Crass in hawse, port chain over.

C. B. T. Moore
Ensign

From 4 to 8 PM. Clear and pleasant. Moderate breeze from E. An American whaling bark came in and anchored. At 5.20 Flagship made signal prep. 6068 At 5.30 6068. At 6 prep. 3048. Mustered at Quarters and turned out hammocks. Crass in hawse. Sent down light yards at 5.20

Lawr. Sanford
Ensign

From 8 PM. to Mid. Clear and pleasant. Moderate to stiff breeze from E. N. E. to N. E. by E. Bright moonlight. Crass in hawse port chain on top.

C. B. T. Moore
Ensign

Moon's phase 2d Qr Dec N 26°

Examined and found to be correct.

Asa Walker
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 2d Rate, 6 Guns,

Harbor of Monte Video, Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1			N.E. by N.	N.E. by E.	3.5		30.00	64	67	61		b.c.q.	Cir. Str.	9	S.	
2			N.N.E.	"	3.5		30.00	64	67	61		"	"	9	"	
3			N. by E.	N.N.E.	3.5		29.98	64	67	60		"	"	9	"	
4			"	N. by E.	2-3		29.98	64	67	60		"	"	9	"	
5			"	"	3		30.00	63	67	61		b.c.	"	9	"	
6			N.W.	N.N.E.	3		30.00	64	67	67		"	"	9	"	
7			N.E.	N.E.	3		30.00	65	65	64		"	"	9	"	
8			N.E. by N.	"	3-4		30.00	67	68	67		"	Cir.	9	"	
9			"	"	3-4		30.00	68	71	69		"	"	9	"	
10			"	"	3-4		29.99	71	74	71		"	"	9	"	
11			E.S.E.	E.S.E.	3-5		29.99	72	75	72		"	"	9	"	
Noon.			S.E. by E.	"	4		29.97	72	74	71		"	Cumm.	9	"	

Distance run by Log since preceding Noon ____ knots ____ fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time ____ knots ____ fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours 250 gallons.

Water received during the preceding 24 hours 1850 "

Water remaining on hand fit for use at Noon 2800 "

Coal consumed during the preceding 24 hours ____ tons ____ lbs.

Coal remaining on hand at Noon " "

P. M.																
1			E.S.E.	S.E. by E.	3.5		29.94	74	75	71		b.c.q.	Cir. Str.	9	S.	
2			"	E.S.E.	3-5		29.92	74	75	71		"	"	9	"	
3			"	E. by S.	3.5		29.91	74	74	71		"	"	9	M.	
4			E.	E.	4-6		29.88	74	74	72		"	Cir.	9	"	
5			E. by S.	"	6		29.86	74	76	72		b.c.	Cumm.	8	"	
6			E.	E. by N.	5-6		29.86	74	76	73		b.c.q.	"	8	"	
7			"	"	5-6		29.86	74	76	73		"	"	8	"	
8			E.N.E.	E.N.E.	5.6		29.86	74	76	73		"	"	9	"	
9			E. by N.		4-6		29.86	74	74	70		"	Cir.	9	S.	
10			E.N.E.	N.E. by E.	4-6		29.86	74	73	70		"	"	9	"	
11			N.E. by E.	"	4-6		29.85	73	72	69		"	Cir. Str.	6	"	
Mid.			N.E.	N.E.	4-6		29.85	73	72	69		"	Cir Cumm	1	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by ____ at ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Tuesday, January 7th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Clear and pleasant. Bright moonlight. Moon set a 3.50. Wind in moderate squalls from N. by E. to N. E. by E. Crass in hawse, port chain on top.

Saml Sneden
Ensign

From 4 to 8 AM. Clear and pleasant, with light breeze from N. E. by E. to N. N. E. Cir. Str. Clouds. Smooth sea. Received on board 1850 gals. fresh water. Scrubbed hammocks. At 7.20 made Int. sig. 3357. "Hartford" answered 904. At 7.45 "Hartford" made prep. sig. 6144. At 8. 6144. Crossed T. G. yards. Crass in hawse, port chain on top.

C. K. Curtis
Lieut.

8 AM to Merid. Clear and pleasant. Gentle to moderate breeze from N. N. E. latter part fell to moderate breeze from E. S. E. Engaged in setting up lower rigging. Crass in hawse, port chain on top.

C. B. T. Moore
Ensign

From Merid. to 4 P.M. Clear and pleasant with fresh breeze in squalls N. E. by E. to E. Cir. Str. Clouds. Smooth to moderate sea. Summary court martial of which Master L. P. Jerett, was senior member, met for the trial of John W. Greene (Lds) for overstaying liberty and disobedience of orders. At 3.30 Court adjourned until 10 AM. to-morrow. Crew engaged in setting up rigging and straightening up ratlines. At 1. Made Int. sig 3618. "Hartford" answered 904 Crass in hawse, port chain on top.

C. K. Curtis
Lieut

4 to 8 P.M. Clear and pleasant. Stiff to fresh breeze from E. to E. N. E. blowing in squalls. Finished setting up lower and topmast rigging. At 6.10 mustered at quarters and turned in clean hammocks. At 6.40 Flagship made qu. sig. 2985. Answered. At 7.10 prep. 6143 and at 7.15 qu. sig. 6143 both answered. At sunset sent down T. G. Yards. Crass in hawse, port chain on top. Recd in Construction Dept 100 ft white pine boards and two spruce spars. Transferred Theodor Berthelsen (Lds) to hospital on shore.

C. B. T. Moore
Ensign

From 8 P.M. to Mid. Clear and Pleasant. Bright moonlight. Fresh squalls from N. E. Smooth sea. Crass in hawse, port chain on top.

C. K. Curtis
Lieut.

Moons phase 2d Qr Dec N 25

Examined and found to be correct.

Asa Walker,
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

Harbor of Monte Video, Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1			N. E.	N. E.	3-5		29.86	70	70	68		b. c.	Cir. Cum	8	D.	
2			N. E by E.	N. N. E.	1		29.85	70	70	68		"	"	8	"	
3			N.	N.	3-5		29.85	70	70	68		o. l. t. q	Cum. Nimb.	0	"	
4			"	"	3-6		29.83	70	70	68		o. l. t. q	"	0	"	
5			N. S. W.	"	2-4		29.85	70	70	70		o. c. r. l. t	Nim. Cum.	0	"	
6			N by E.	"	2		29.86	70	69	69		"	" Cum.	0	"	
7			E. S. E.	N. E.	2-4		29.79	70	68	68		o. c.	Nim. Cum.	0	"	
8			E by N.	E. N. E.	4-5		29.78	69	69	69		"	Nim. Cum.	0	"	
9			E. N. E.	N. E.	4		29.80	69	70	69		b. c.	Cir. Cum. Str.	2	"	
10			N by E.	N. by E.	2		29.80	72	73	72		"	"	1	"	
11			N by W.	N.	2		29.81	74	75	74		"	"	4	"	
Noon.			S. W by W.	S.	1-2		29.79	74	76	75		"	Cum. Str.	4	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ′ ″

Longitude by D. R. at Noon ° ′ ″

Latitude by Observation at Noon ⊙ ° ′ ″

Longitude by Chronometer from Forenoon Observations ⊙ ° ′ ″

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ′ ″

Variation of the Compass by Azimuth ⊙ observed at ° ′ ″

Water expended during the preceding 24 hours 250 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 2550 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.												
1	W. by N.	S. W.	2-3	29.79	74	76	74	b. c.	Cir. Cum.	6	D.	
2	W.	"	2-3	29.73	76	76	74	"	"	7	"	
3	W. S. W.	W. S. W.	2-3	29.73	76	76	74	"	"	8	"	
4	S. W. by S.	"	3	29.76	76	76	74	"	"	8	"	
5	S. W.	"	3	29.73	76	78	76	"	"	9	"	
6	S. W. by S.	W. N. W.	3	29.71	75	78	76	"	"	9	"	
7	S. W.	"	2	29.71	75	78	76	"	Cum.	9	"	
8	S.	"	2	29.70	75	75	74	b. c. l.	Cum. Str.	9	"	
9	"	W.	2	29.75	76	75	74	b. l.	None	10	"	
10	"	W. S. W.	2	29.74	76	75	74	b.	"	10	"	
11	"	S. W.	1-2	29.75	76	75	74	"	"	10	"	
Mid.	S. by E.	"	1	29.72	76	75	74	"	"	10	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ′ ″

Longitude by Chronometer from Observations * ° ′ ″

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ′ ″

Variation of the Compass by at ° ′ ″

under the command of Commander H. S. Schley, U. S. Navy,

Wednesday, January 8th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Clear and pleasant. Gentle to stiff breeze from N. E. Squally; second hour wind falling to light airs from N. N. E. Latter part overcast. Considerable lightning, distant thunder. Moderate to fresh breeze from N. puh blowing in sqalls. Bar. falling. Cross in hawse, port chain one to p.

C. B. T. Moore
Ensign

From 4 to 8 AM. Overcast and squally with thunder, lightning, and rain. first two hours of watch. After with fresh breeze at end of watch from N. E. Unsteady barometer. Smooth sea. Cross in hawse, port chain over. At 7.20 Flagship made 3350. Answered. Received on board in Pay. Dept. 8 bbls. Pork.

L. P. Jouett
Master

From 8 AM. to Mid. Partly clear. Pleasant with light breeze from N. E. & E. first three hours of watch, S. last hour. Smooth sea. Bar. unsteady. Received on board in Pay. Dept. ten 10 mess kettles. In Equip. Dept 1½ coils wood, In Construction Dept. 15 gals shellac. At 10 Summary Court met and adjourned at 11.30. till 10 AM. tomorrow. At 9.32 made Sd. sig. "3357." "Hartford" answered 904. Broke out fore hold. Elbow in hawse, port chain on to ½.

C. K. Lewis
Lieut.

From Mid. to 4 PM. Clear and pleasant, Light breeze from S. W. and W. S. W. Unsteady barometer. Smooth sea. Cleared elbow and light out of hawse. 39 fms. Port chain. Stowed provisions in fore hold. Flagship made Gen. sig. 2984. Answered. Re-confined John P. Roberts (Ds) to await his trial by court martial. Received in Pay. Dept. 59 Keys of tobacco. In Equipt. Dept. 5 Coils Manilla rope, 2 coils Hemp, 3 coils Ratline, 2 coils Spun yarn, 2 coils Houseline, 30 Seaming needles ~~In Construction Dept.~~ 20 Cru brooms, 12 White wash brushes, 30 Bath brick, 2 Bbls. Lime, In Ord. Dept. 12 sheets Emery cloth, In Nav. Dept. 46 yds. Bunting, 2 lbs. Lampwick, 5 lbs. Tallow. Clear hawse.

L. P. Jouett
Master

From 4 to 8 PM. Clear and pleasant. Lightning in N. E. last hour of watch. Sea smooth. Rec'd. on board in Construction and Repair Dept. 4 pieces Ash. and in Pay Dept. 2 boxes Candles. Received from U. S. F. S. "Hartford" in Ord. Dept. 2 IX in Breechings. At 7.17 made Int. sig. 2985 to "Hartford" ans. 904. Clear hawse.

C. K. Lewis
Lieut.

8 PM. to Mid. Clear and pleasant. Bright moonlight. Sea smooth. Light breeze from W. to S. W. Clear hawse.

L. P. Jouett
Master

Moons phases — C. Q. Dec. N 21
~~Full~~ Last Quar.

Examined and found to be correct.

Asa Walker
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

Harbor of Monte Video, Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1			S. E. by S.	S. W.	0-1		29.75	73	74	73		b.	Nme	10	S.	
2			N.	N W.	0-1		29.75	73	73	72		"	"	10	"	
3			"	N.	1		29.75	72	71	70		"	"	10	"	
4			N. W. by W.	"	1		29.75	71	69	68		"	"	10	"	
5			N by E.	N by E.	1-2		29.76	70	68	67		b. z.	"	10	"	
6			N N. W.	N. W.	1		29.77	70	68	68		"	"	10	"	
7			N. W. by N.	N W. by W.	1		29.78	71	70	69		b.	"	10	"	
8			N. W.	W. N. W.	2		29.80	71	72	70		"	"	10	"	
9			S. W. by S.	West	3		29.82	73	74	72		"	"	10	"	
10			S W. by W	"	2-3		29.82	73	75	72		bc.	Str.	9	"	
11			S. W.	"	2-3		29.82	75	75	72		"	"	9	"	
Noon.			S. W by W.	W. S. W.	2-3		29.82	76	76	72		"	"	9	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° ' "

Longitude by D. R. at Noon — ° ' "

Latitude by Observation at Noon ⊙ — ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ — ° ' "

Current during the time — knots — fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at — ° ' "

Water expended during the preceding 24 hours — 250 gallons.

Water — during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 2900 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " — "

P. M.											
1	W. S. W.	W. S. W.	2-3	29.82	76	78	76	b. c.	Str.	9	S.
2	West	S. W.	3	29.82	76	78	76	b. z.	None	10	"
3	W. S. W.	S. W. by W.	2	29.81	76	78	76	"	"	10	"
4	S. W. by S.	S. W.	1-2	29.80	76	80	78	"	"	10	"
5	S. E.	S. S. E.	1	29.77	78	82	79	b.	"	10	"
6	E by S.	S E. by S.	1	29.76	79	82	79	"	"	10	"
7	"	S. E.	1	29.76	78	80	78	b. c.	Str.	9	"
8	S. E. by E	Calm	0	29.77	78	79	76	"	Cir	9	"
9	"	"	0	29.77	78	79	76	b. z.	None	10	"
10	E. S. E.	E N. E.	0-2	29.72	78	79	76	"	"	10	"
11	"	N. E. by E.	2-3	29.74	78	78	76	"	"	10	"
Mid.	E.	N. N. E.	3-4	29.74	78	78	72	b. c. z.	Str.	9	"

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by — at — ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Thursday, January 9th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mid. to 4 A.M. Clear and pleasant with light breeze from N.W. Bright moonlight. Elbow in hawse.

E. K. Lewis
Lieut.

4 to 8 A.M. Clear and pleasant. Light breeze from N. by E. to W.N.W. Cross in hawse, port chain on top. By order of Comdr. Leo. Vaughn (Ord's) was placed in double irons, for being drunk on duty. Received fresh provisions for crew. German steamer came in At 7.30 Flagship made sig. 3850; At 7.45 prep. 60 69 and at 7.55 60 69. Furled light sails at 8.

Saml. Sealy
Ens'n

From 8 A.M. to Merid. Clear and pleasant. Light breeze from W. & W.S.W. Bar. steady. Cleared elbow out of hawse. Summary court met at 10.30 to try J.P. Roberts (Ord's) By order of Comdg. Officer Frank Tilghman (O.S. 2d Cl.) was placed in solitary confinement on bread and water for neglect of duty, and Thos Kelly (C.T.) was released from confinement and restored to duty. Refitted fore tack and sheets. Rove off new fore and main topsail sheets and new main topgt. fore brace and spanker vangs. Clear hawse.

L. P. Jewett
Master

From Merid. to 4 P.M. Clear and pleasant, hazy around horizon. Light breeze from W.S.W. to S.W. At 12.15 Court took a recess for one hour; met at 1.15 and adjourned at 2.05 to await action of reviewing authority. At 1.50 Called all hands to muster and Jeremiah O'Brien was given a good conduct medal. Received 40 corn brooms and some holystones. Opg. hawse.

Saml. Sealy
Ens'n

From 4 to 8 P.M. Clear and warm. Light breeze from S.S.E. to S.S.E. Bar. falling slowly. At 6.30 Flagship made prep. general signal 60 68. and at 6.50 general signal 60 68, answered and sent down light yards. At 7.05 Flagship made general signal 29 85. At 7.10 "Essex" made interrogatory signal to flagship 4363, which was answered by general signal 904. Received on board in Pay. Dept. 4 bbls. Pork, and in Engrs. Dept. 37 tins of oat meal. Clear hawse.

L. P. Jewett
Master

From 8 P.M. to Mid Clear and pleasant, hazy around horizon. Bright moon and star light. Moon rose at 7.25. Wind light, increasing latter part of watch. Cross in hawse, port chain on top.

Saml. Sealy
Ens'n

Moon's phase 0 d 9 h Age N 17°

Examined and found to be correct.

Asa Walker
Lieut

Navigator.

LOG of the UNITED STATES Steamer "Essex", 8d " Rate, 6 Guns,

Harbor of Monte Video, Uruguay.

Hour.	Knots	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1			N. E.	N. E.	4-5		29.74	73	71	70		b	None	10	S	
2			N. E.	N.	5-6		29.75	73	71	70		"	"	10	"	
3			N. N. E	"	5-6		29.77	72	70	68		b.c.g.	Cir. Str.	5	"	
4			N by E.	"	5-6		29.77	71	70	68		"	"	4	"	
5			"	"	4-5		29.80	71	70	68		b.c.	"	6	"	
6			N by W.	N by W.	4		29.81	72	71	69		"	"	8	"	
7			"	N.N.W.	4		29.82	73	73	71		"	"	8	"	
8			N. N. W.	N.	2-3		29.82	74	76	74		"	"	8	"	
9			N.	N. N. W.	2-3		29.80	76	80	75		"	"	8	"	
10			W.	N. W.	3-4		29.80	78	83	78		b.c.g.	Cir. & Cum	3	"	
11			W N W.	"	2-4		29.80	88	85	80		"	Cum.	3	"	
Noon.			W. S W.	W. S. W.	2-6		29.81	80	84	80		b.c.g	"	0	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° ' "

Longitude by D. R. at Noon — ° ' "

Latitude by Observation at Noon ⊙ — ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ — ° ' "

Current during the time — knots — fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at — ° ' "

Water expended during the preceding 24 hours — 300 gallons.

Water — during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 2000 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " — "

P. M.														
1		S W.	S W.	3-6	29.82	74	78	74	b.g.	Cir. Cum	0	M.		
2		S by W.	S by W.	4-6	29.83	76	77	74	"	"	6	"		
3		"	"	5-6	29.83	76	77	70	"	"	0	"		
4		"		5-6	29.82	76	69	68	"	"	0	"		
5		S by E.	S. S. E.	5-7	29.86	71	66	67	b.c.g.	"	2	R.		
6		"	"	4-6	29.87	71	67	66	"	"	5	"		
7		S. S. E.	"	4-6	29.90	70	67	66	"	Cir. Str.	6	"		
8		SE. by S.		4-6	29.90	70	66	65	"	"	4	"		
9		"	S.E. by S.	4-6	29.90	70	67	66	"	"	2	M		
10		"	"	4-6	29.92	70	67	65	"	"	4	"		
11		"	"	4-6	29.92	70	67	65	"	"	5	"		
Mid.		S. S. E.	S. S. E.	4-6	29.92	70	67	65	"	"	2	"		

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by — at — ° ' "

under the command of Commander H. S. Schley, U. S. Navy,

Friday, January 10th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Clear and cold. Bright moonlight. Smooth sea. Bar. rising slowly. Fresh breeze from N. E. and North. Squally, latter part of watch. Crass in hawse.

L. P. Jouett
Master

From 4 to 8 AM. Clear and pleasant. Stiff to light breeze from N. to N.N.W. At 645 Coal Lighter came alongside, commenced coaling ship. Crass in hawse, port chain over top.

C. B. T. Moore
Ensign

From 8 AM to Merid. Began clear and pleasant; overcast and cloudy latter part of watch. Wind Moderate from N. to N.W. till 11.40, when it came out fresh from W. & W. Continued coaling ship. By order of Comdg. Officer released Frank Leighman (N.Y.C) and Geo. Vaughn (Ldo) from confinement. Elbow in hawse, port chain on top.

Jam. Grady
Ensign

From Merid. to 4 PM. Overcast and pleasant. Gentle to fresh breeze from S.W. to W.W. blowing in squalls. At 12.30 cleared hawse. At 1 o. received 40 tons on each chain. At 2.1 Corpl. Jones fell overboard from starboard gangway, and was rescued by John Gilmore and Daniel Griffin O.S. who jumped overboard for him. At 3 stopped coaling and sent coal lighters on shore, sea being too high to continue coaling. Recd. 76 tons coal. Clear hawse. Sea moderate. Barometer steady.

C. B. T. Moore.
Ensign

From 4. to 8 PM. Cloudy but pleasant weather. Fresh breeze from S. S. E. blowing in squalls. Barometer rising slowly. Clear hawse.

Jam. Grady.
Ensign

From 8 PM. to Mid. Cloudy and pleasant. Moderate to fresh breeze from S. E. by S. to S. S. E. blowing in squalls. Clear hawse. Bright moonlight. Moderate sea.

C. B. T. Moore
Ensign

Moon's phase 3° 9' Sec. N. 12°.

Examined and found to be correct.

Asa Walker.
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

Harbor of Monte Video, Uruguay.

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1			S. S. E.	S. S. E.	3-4		29.96	73	67	66		b c.	Cum.	2	S.	
2			S. E by S.	"	2-4		29.96	73	67	66		"	"	3	"	
3			S.	"	2-3		29.96	73	67	66		"	"	4	"	
4			S. by E.	S. by E.	2-3		29.96	73	67	66		"	Cum. Nim.	1	"	
5			S by W.	"	2-3		29.96	73	67	66		"	Cum. Str.	1	"	
6			S. S. E.	S. S. E.	3		29.98	70	66	66		"	"	2	"	
7			"	"	3		29.98	69	67	66		"	Cum. Cir.	2	"	
8			"	"	3		30.00	68	68	67		"	"	6	"	
9			S. E" by S.	S. E by S.	3		30.00	69	69	67		"	"	6	"	
10			"	"	3		30.00	69	69	67		"	"	6	"	
11			"	"	3		30.00	68	69	67		"	"	6	"	
Noon.			"	"	3		30.01	68	69	67		"	"	6	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours 400 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 1600 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.															
1		E. by S.	E. S. E.	3	30.00	69	68	67		b c.	Cir. Cum.	6	S	
2		S. E.	S. E.	3	30.02	69	68	67		"	Cir. Cum. Str.	6	"	
3		"	"	3	30.02	69	68	67		"	"	6	"	
4		S. E by S.	"	3	30.02	67	67	66		"	"	7	"	
5		E. S. E.	"	4	30.02	67	67	66		"	"	7	"	
6		"	E. S. E.	4	30.02	70	67	64		"	"	7	"	
7		E by S.	E by S.	4	30.02	69	66	64		"	"	8	"	
8		E.	E.	4	30.02	69	66	64		"	"	8	"	
9		E. S. E.	E. S. E.	2	30.05	69	66	65		"	Str.	8	S	
10		E by S.	E.	2	30.05	69	67	66		"	Cir. Cum.	9	"	
11		E.	E. N. E.	3	30.05	69	67	66		"	"	9	"	
Mid.		E by N.	"	3	30.05	69	67	66		"	"	9	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Saturday January 11th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Cloudy but pleasant wrather. Gentle to moderate breeze from S.S.E. Bar. steady. Smooth sea. Clear hawse.

Lam. Lyle
Ensign

From 4 to 8 AM. First two hours partly overcast, last two hours clear and pleasant, with light breeze from S.S.E. Smooth sea. Bar. rising. At 6 coal lighters came alongside, Commenced coaling. At 7.20 "Hartford" made qtr. sig. 3350. At 7.45 prep. sig. 6144. At 7.50 "Essex" made 4363, "Hartford" made "Answered" 904. Clear hawse.

C. K. Curtis
Lieut.

From 8 AM. to Merid. Clear and pleasant. Gentle breeze from S.E. by S. At 12 finished coaling. total coal received 103 tons 1875 lbs. At 10.45 knr into 30 fms. on each chain Clear hawse.

C. B. T. Moore
Ensign

From Merid. to 4 PM. Clear and pleasant, with light breeze from S.E. Smooth sea. At 3.20 made Int. sig. 6144. Answered 904. Crossed T.G. Yards. Clear hawse.

C. K. Curtis
Lieut.

From 4 to 8 PM. Cloudy and pleasant. Moderate breeze from E.S.E. to E. Lieutenant Asa Walker U.S. Navy, reported for duty as executive officer of this vessel. Cross in hawse, port chain ~~over~~ on top.

C. B. T. Moore
Ensign

From 8 PM. to Mid. Clear and pleasant with light breeze from E.N.E. Bright moonlight. Moon rose at 9.30. Cross in hawse, port chain on top.

C. K. Curtis
Lieut.

Moons phase 3d Q Dec N. 6°

Examined and found to be correct.

C. K. Curtis
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

Harbor of Monte Video, Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1			E by N.	E. by N.	V		30.03	67	66	63		bc.	Cir. Cum	9	S.	
2			"	"	2		30.03	67	66	63		"	"	9	"	
3			"	"	3		30.01	66	65	63		"	"	9	"	
4			"	"	2		30.00	66	63	63		"	"	9	"	
5			N.N.E.	N.E.	2		30.00	68	63	62		b.c.r.	Cir. Str.	9	"	
6			N. by E.	"	1		30.04	68	63	62		b.c.z.	Cir. Cum.	9	"	
7			N.N.E.	"	1		30.04	70	66	64		"	Cir. Str.	9	"	
8			N.E. by N.	"	1		30.05	71	68	66		b.c.	"	7	"	
9			N.E.	"	1		30.06	70	71	70		"	Cir.	8	"	
10			S.E. by E.	N.N.E.	1		30.06	70	71	70		"	"	8	"	
11			S.E. by S.	N.E.	3		30.06	70	71	70		"	"	8	"	
Noon.			S.E.	E.S.E.	4		30.06	70	71	70		"	"	8	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours 300 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 13000 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.																
1			S.E. by E.	S.E. by E.	4-5	7	30.03	70	71	72	70	b.c.	Cir.	7	S.	
2			E.S.E.	E.S.E.	5	7	30.01	70	71	72	70	"	"	8	"	
3			E by S.	East	5	7	30.00	70	71	73	71	"	"	7	"	
4			"	E.N.E.	5	7	30.00	70	72	74	72	"	"	8	M.	
5			E.S.E.	East	5	7	29.97	70	72	74	71	"	"	9	"	
6			E. by S.	"	5-7	69	29.96	69	72	73	69	b.c.z.q.	Str.	8	"	
7			E.	"	4-6	69	29.95	69	72	73	68	b.c.q.	Cum.	9	"	
8			E by N.	"	3-4	69	29.95	67	72	73	68	"	Str.	9	D.	
9			E.	E. by N.	4-6	69	29.95	69	71	70	68	b. q.	None	10	M.	
10			"	E.N.E.	4-6	68	29.96	68	71	70	68	"	"	10	"	
11			"	N.E.	5	68	29.97	68	70	67	64	b.	"	10	"	
Mid.			N.E. by E.	"	4-5	68	29.97	68	69	64	64	"	"	10	D.	

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Sunday, January 12th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Clear and pleasant. Light to gentle breeze from E by N. Bright moonlight. Cross in hawse, port chain ~~cable~~ on top.

C. B. T. Moore
Ensign

From 4. to 8 AM. Clear and pleasant. Light breeze from N. E. Bar. rising. Sea smooth. Cross in hawse, port chain over.

L. P. Jouett
Master

From 8 AM to Merid. Clear and pleasant with light breeze first part of the watch from N^d + E^d freshening latter part from E. S. E. Smooth sea. At 9.20 had divisional inspection and at 9.45 the Comdg. Officer inspected ship and crew at quarters. At 10. called all hands to muster, and prayers were read by Comdg. Officer.

C. K. Lewis
Lieut.

From Merid. to 4 PM. Clear and pleasant. Stiff breeze backing from S. E by E. to E. N. E. Barometer falling slowly. Sent a liberty party on shore. Rec'd a visiting party from the flagship. About 3 PM. a German Man of War came in and anchored, she saluted Ad. Nichols, and the flagship answered the salute. Cross in hawse, port chain on top. Smooth to moderate sea.

L. P. Jouett
Master

From 4 to 8 PM. Clear and pleasant, with fresh breeze from E. blowing in squalls. Moderate sea. Long swell. Bar. falling. At 7. Halford made Pen. sig. 2985 - Got up harbor clothes lines. Cross in hawse, port chain on top.

C. K. Lewis
Lieut.

From 8 PM. to Mid. Clear and pleasant. Stiff breeze from E by N. to N. E. Squally first part of watch. Moderate to smooth sea. Barometer rising slowly. Cross in hawse. port chain over.

L. P. Jouett
Master

Moons phase 3d q/r Dec. ☾ 5° 1'.

Examined and found to be correct.

C. K. Lewis
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

Harbor of Monte Video, Uruguay.

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1			E.N.E.	N.E.	3		29.97	68	64	62		b.	None	10	S.	
2			E by N.	"	3		29.96	67	63	62		"	"	10	"	
3			N.E.	"	3		29.95	66	62	62		"	"	10	"	
4			N.E. by N.	N.E. by N.	2-3		29.95	66	62	62		b.c.	Str.	9	"	
5			N.	N.N.E.	2		29.95	65	62	62		b.z.	None	10	"	
6			"	"	2		29.95	65	63	63		"	"	10	"	
7			"	"	2		29.95	67	65	65		b.	"	10	"	
8			"	"	2		29.95	68	68	66		"	"	10	"	
9			N by E.	S.	1		29.95	68	68	70		b.z.	"	10	"	
10			N E by E.	N.E.	1		29.94	74	74	72		"	"	10	"	
11			S.E.	S.E.	2-3		29.93	74	74	72		"	"	10	"	
Noon.			"	"	4		29.94	74	74	72		b.c.z.	"	8	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° — ′ — ″

Longitude by D. R. at Noon — ° — ′ — ″

Latitude by Observation at Noon ⊙ — ° — ′ — ″

Longitude by Chronometer from Forenoon Observations ⊙ — ° — ′ — ″

Current during the time — knots — fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° — ′ — ″

Variation of the Compass by Azimuth ⊙ observed at — ° — ′ — ″

Water expended during the preceding 24 hours — 200 — gallons.

Water — during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 1000 — "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " — "

P. M.																
1			S.E.	S.E.	3		29.90	73	74	72	72	b.c.	Str.	9	S.	
2			E.S.E.	E.S.E.	3		29.87	73	76	74	74	0.	None	10	"	
3			S.E by E.	"	3		29.85	76	78	76	76	"	"	10	"	
4			"	"	3		29.83	76	78	76	76	"	"	10	"	
5			E. by S.	"	3		29.83	76	79	74		"	"	10	"	
6			"	"	3		29.83	76	78	74		"	"	10	"	
7			E.N.E.	E.N.E.	3		29.80	76	70	72		b.z.	"	10	"	
8			N.E.	"	3		29.84	73	74	71		b.c.z	Str.	8	"	
9			"	"	3		29.84	73	74	70		b. bn.	None	10	"	
10			"	"	2-3		29.84	76	74	72		b.m.w.	"	10	"	
11			N.N.E.	N.E.	3		29.81	76	74	72		"	"	10	"	
Mid.			"	N.N.E.	4		29.79	76	74	72		"	"	10	"	

Longitude by Chronometer from Afternoon Observations ⊙ — ° — ′ — ″

Longitude by Chronometer from Observations * — ° — ′ — ″

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° — ′ — ″

Variation of the Compass by — at — ° — ′ — ″

under the command of Commander W. S. Schley, U. S. Navy,

Monday, January 13th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mid. to 4 AM. Clear and pleasant, with gentle breeze from N. E. Smooth sea. Bright moonlight. Cross in hawse, port chain on top.

C. K. Curtis
Lieut.

From 4 to 8 AM. Clear and pleasant, with gentle breeze from N. N. E. Smooth sea. Cross in hawse, port chain on top. Medical Officer left the ship to render professional services to the Captain of the American barque "Samuel E. Spring" who had shot himself, and on his return, reported the Captain dead. Received fresh provisions on board. Liberty party returned, with the exception of Andrew McGarvey (O. Mstr.) and Henry Nelson (C. T. C.) Followed motions of Flagships, hoisting colors at 5.20, an American ship bound out.

Saml. Sharp
Ensign

From 8 AM. to Mid. Clear and pleasant. Smooth sea. Barometer falling slowly. Light N. by E. airs first part and fresh breeze from S. E. latter part of watch. Recd. on board in Pay. Dept. 4 bbls. pork, 2 tierces beef, 2 bbls. beef, 20 cases beef, 10 cases of pickles, 3 bbls. Molasses, 3 boxes soap, 4 boxes butter, 9 pkgs. tea, 2½ bbls. coffee, 80 sacks bread. Gen. W. King (W. Cook) rated to W. O. Steward from 9th inst. inclusive, also rated Laurence Nelson (Ldg.) to W. O. Cook from 10th inst. inclusive. Enlisted Laurence Nelson as Ldg. for Crew of "Essex" Special service from 9th inst. inclusive. Fleet Paymaster and Fleet Surgeon came on board and inspected stores and ship. Cross in hawse, port chain over.

L. P. Spratt
Master

From Mid. to 4 P.M. Clear and pleasant. Gentle breeze from S. S. E. Barometer falling. Cross in hawse, port chain on top. At 1 o'clock made int. sig. 2984. Flagship answered, and made 9 off. At 1.15 int. 6103 Flagship answered and made 9 off. At 2, sent down light yards. and unbent old and bent another suit of sails, loosed sail sheeted home the topsails. hoisted sail and crossed T. G. yards.

Saml. Sharp
Ensign

4. to 8 P.M. Clear and pleasant. Smooth sea. Barometer steady. Fresh breeze from E. S. E. and E. N. E. Recd. on board in Pay. Dept. 6 bbls. beans, containing 1200 lbs. and 1 pkg. books containing 50 pair Recd. in Nav. Dept. 6 bbls. Sand oil, containing 240 gals. Cross in hawse, port chain over

L. P. Spratt.
Master

From 8 P.M. to Mid. Clear, pleasant, and hazy weather. Gentle to moderate breeze from E. N. E. Barometer falling. Smooth sea. Cross in hawse, port chain on top. Bright moonlight. moon rose at 10. 20.

Saml. Sharp
Ensign

Moons phase 8d. Q. Pr 57°

Examined and found to be correct.

C. K. Curtis
Lieutenant

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

Harbor of Monte Video, Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1			E.N.E.	North	4-6		29.79	73	73	72		b.q.	None	0	S.	
2			N.E.	"	4-6		29.77	73	72	70		"	"	10	"	
3			N.N.E.	"	4-6		29.76	73	72	70		"	"	10	"	
4			"	"	4-5		29.74	73	70	68		b.c.	Str.	9	"	
5			N. by E.	N. by E.	4-5		29.74	72	71	69		"	Cu.Cum Str.	9	"	
6			N.	N.	4-5		29.74	71	71	70		"	"	9	"	
7			"	"	4-5		29.74	72	72	70		"	"	9	"	
8			"	"	4-5		29.73	72	75	72		"	"	9	"	
9			"	N by W.	5		29.71	76	79	75		"	"	7	"	
10			"	"	5		29.71	78	82	76		"	"	6	"	
11			N.N.W.	N.W.	2-4		29.70	80	82	77		"	"	8	"	
Noon.			S by W.	N.W by N.	2-3		29.68	80	82	78		"	Cir. Cum	6	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° — ′ — ″

Longitude by D. R. at Noon — ° — ′ — ″

Latitude by Observation at Noon ⊙ — ° — ′ — ″

Longitude by Chronometer from Forenoon Observations ⊙ — ° — ′ — ″

Current during the time — knots — fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° — ′ — ″

Variation of the Compass by Azimuth ⊙ observed at — ° — ′ — ″

Water expended during the preceding 24 hours — 900 gallons.

Water received during the preceding 24 hours — 2100 "

Water remaining on hand fit for use at Noon — 2800 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " — "

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
P. M.																
1			S by W.	N.W.	2		29.68	80	80	78		b.c.	Cir. Cum. Nim	6	S.	
2			S.W.	S by W.	2		29.60	82	83	78		b.c.f.	"	4	"	
3			S.E.	E.	2		29.58	82	83	78		"	Cir. Cum	9	"	
4			"	"	2		29.56	82	83	78		b.c.	"	9	"	
5			N.N.E.	E.N.E.	2		29.53	80	82	80		b.c.u.	"	6	"	
6			"	N.N.E.	2-3		29.53	80	82	80		"	Cir Cum. Nim	2	"	
7			"	"	3		29.53	79	81	78		o.c.u.	Cum Nim	0	"	
8			S.W.	S.W.	3-7		29.56	76	78	75		o.c.l.t.r.	Nim	0	"	
9			S.	S.	5-7		29.59	70	70	72		o.l.t.r.	"	0	M.	
10			"	"	5-6		29.60	71	70	72		"	"	0	"	
11			E.N.E.	E.N.E.	2-5		29.60	71	70	72		o.r.	"	0	"	
Mid.			"	"	3		29.60	71	73	72		o.	"	0	"	

Longitude by Chronometer from Afternoon Observations ⊙ — ° — ′ — ″

Longitude by Chronometer from Observations * — ° — ′ — ″

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° — ′ — ″

Variation of the Compass by — at — ° — ′ — ″

under the command of Commander W. S. Schley, U. S. Navy,

Tuesday, Jany. 14th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mid. to 4 AM. Clear and pleasant. Fresh breeze from North, a little squally. Smooth sea. Falling barometer. Crews in hammocks part chain ovr.

L. P. Jouett
Master

From 4. to 8. AM. Clear and pleasant. Moderate to stiff breeze from N by E. to N. unbent sheet chain, got sheet anchor inboard and stowed it in hold. Carried away and lost mizzen boom, part forward awning stanchions. At 7.20 Flag-ship made gen. sig 3350, answered. Recd. 200 gals. fresh water. Confined Asst. Mr. Lamy (Boatr.) and Hy. Wilson (O.S. C) in double irons, for overstaying leave twenty four hours, by order of Comdg. Officer. Crews in hammocks, part chain on deck. Smooth sea.

C. B. T. Moore
Ensign

8 AM. to Mid. Clear and pleasant. Fresh breeze first two hours, decreasing to light breeze from N by W. to W.N.W. by N. Crews in hammocks. Rove off new side and train tackles for broadside battery. By order of the Comdg Officer the following punishments were inflicted, Geo. H. Kalm (O.S. 2d Cl.) Solitary confinement on bread and water: offense, disobedience of orders and insolence. W. C. Robinson (Ord.) 2 extra watches: offense, having naked light in pantry during quarters. E. E. Barclay (O.S.) 24 hours extra duty: offense: positive disobedience of orders. Forwarded accounts of Theodore Berthelsen (Ord.) (in hospital on shore) to U.S.S.S. "Hartford" Received in Engrs. Dept. 11 lbs. of 7/8 in. Sheet rubber. Lt. Comdr. John Schuyler, was detached from this ship, by order of the Comdr. in Chief, on recommendation of Medical Board, and ordered home, to report his arrival.

Lamb Speyd.
Ensign

Mid. to 4 PM. Clear and pleasant. Light passing showers during second hour: distant thunder during third hour of watch. Light variable airs. At 1.40 cleared hawse. Hove up port anchor, and hove into 30 fms. starboard chain. Making preparations for sea.

C. B. T. Moore
Ensign

4. to 8. PM. Began pleasant, part cloudy, with light breeze from S. & E. becoming overcast and threatening: lightning and thunder last hour. Wind came out in strong squall from S.W. at 7.35 with heavy rain. At 4.05 the German Man of War fired a salute of 9 guns. At 7.20 sent down T.G. yards. At 7.50 let go the port anchor, and moved to 60 fms. on starboard chain, with 30 fms. on port.

Lamb Speyd.
Ensign

8 PM. to Mid. Overcast and disagreeable. Stiff to my fresh breeze from South. Considerable thunder and lightning. Latter part gentle to stiff breeze from E.N.E. Clearing.

C. B. T. Moore
Ensign

Moons phase 3d Qr Dec. S 13°

Examined and found to be correct.

C. K. Curtis
Lieutenant

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

Harbor of Monte Video, Uruguay.

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1			N. E.	N. E. by N.	4		29.54	71	73	70		b. c. u.	Nimb	0	S.	
2			S. E.	"	1		29.52	74	73	70		"	"	0	"	
3			W. S. W.	W. N. W.	2-3		29.54	74	73	70		"	"	0	"	
4			W by S.	W.	2		29.56	74	73	70		b. c. u.	"	1	"	
5			"	S.	2		29.56	74	73	70		"	Cir Cum Nimb	2	"	
6			S by W.	"	2-3		29.58	72	70	68		b. c. p.	"	4	"	
7			S.	S. S. E.	3		29.59	71	70	68		b. c.	Cir. Cum	8	W.	
8			"	S.	3		29.66	69	70	68		b. c. d.	Cum Nim.	6	"	
9			S by W.	"	4		29.62	69	70	68		o. p.	"	0	"	
10			S.	"	4-6		29.66	69	69	67		o	"	0	"	
11			S. W.	S by W.	4-6		29.67	68	68	65		"	"	0	"	
Noon.			"	"	4-6		29.68	67	67	67		"	"	0	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours 300 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 2500 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.																
1			S by W.	S by W.	6		29.70	68	67	65		b. c.	Cir. Cum.	5	R.	
2			S. S. W.	"	6		29.72	69	67	65		"	"	8	"	
3			S by W.	"	6		29.72	68	67	64		"	Cir. Cum. Nimb	8	"	
4			S. S. W.	"	6-8		29.72	67	65	63		o. n. l.	"	0	"	
5			"	"	6-8		29.72	68	60	62		b. c. p. q.	Cum. Nimb	4	"	
6			S. W.	"	5-8		29.74	68	65	62		"	"	4	"	
7			S. W by W.	"	6-8		29.74	69	65	62		b. c. q.	"	4	"	
8			W. S. W.	"	6-8		29.73	69	65	63		"	"	4	"	
9			S. W.	S.	7-9		29.81	69	66	64		"	"	5	"	
10			"	S. W.	7-9		29.83	69	66	64		"	"	4	"	
11			"	S. S. W.	6-8		29.83	69	66	63		"	"	6	"	
Mid.			S. W by W.	"	7-9		29.83	69	66	63		"	"	6	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander H. S. Schley, U. S. Navy,

Wednesday, January 15th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mid. to 4 AM. Overcast, cloudy and threatening weather. Wind light and variable in direction. Smooth sea. Clear Range.

Lewis Leigh
Ensign

4 to 8 AM. Ugly, threatening weather first hour, raining second hour. Clear and pleasant remainder of the watch. Light breezes from S. Smooth to Moderate sea. Bar. rising. Hove up, cattled and fished port anchor, and hove in to 30 fms. starboard chain. At 7.50 "Half speed" made rev. sig. 3350.

L. K. Lewis
Lieut.

8. AM. to Merid. Overcast and disagreeable. Moderate to fresh breezes from S. to S.W. blowing fresh in squalls. At 10.00 Started fires under six boilers. Moderate sea. At 11.50 called all hands "Up Anchor".

C. B. T. Moore Ensign

Merid. to 4 P.M. Clear and pleasant. Very fresh breeze from S. by W. Rough sea. At 12.45 shifted anchorage, letting go starboard anchor in 4 fms. water, and moving to 60 fms. chain. Bearings at anchor Mount Light N. W. ½ W. and N. corner of Custom House N.E. ½ N. By order of Cmdg. Officer released Jas. Hoeckel (O.S. 3d) and made him a prisoner at large. By proper authority restored to duty Geo. H. Kahn (O.S. 2d) Henry Wilson (Ord. 6.) and Andrew McGarvey (O. Worker) At 2.30 called all hands to muster, and read the proceedings of Summary court martial in the cases of John W. Greene (Ord.) and M. J. King (Ord.) and John P. Roberts (Ord.) The crew each found guilty and sentenced to the following punishments Viz: Thirty days solitary confinement in double irons on bread and water, with full rations every fifth day, and 3 months extra police duties. The proceedings and findings in each case were approved. The punishments were remitted by the Cmdg. Officer to the following viz: In the cases of John W. Greene and John P. Roberts to thirty days solitary confinement, in double irons, on bread and water, with full rations every second day, and three months extra police duties. In that of M. J. King to fifteen days solitary confinement in double irons, on bread and water, full rations every second day, and three months extra duty. In accordance to the above sentence John W. Greene, was duly confined. M. J. King and J. P. Roberts, were made prisoners at large to await punishment. Fires banked under six boilers.

L. P. Jewett
Master

4 to 8. Cloudy and passing rains, fresh breeze to moderate gale from S. by W. Rough sea. Fires banked under six boilers. Av. st. pres. 95 lbs.

Lewis Leigh
Ensign

8 to 8 P.M. Cloudy and cool. Blowing in squalls. from fresh breeze to moderate gale from S. by W. Rough sea. Bar. rising. Fires banked six boilers. Av. st. pres. 45 lbs.

C. B. T. Moore
Ensign

8. P.M. to Mid. Cloudy and cool. Strong squalls from S. to S.W. Rough sea. Bar. steady. Commenced distilling at 8.50

L. P. Jewett
Master

Moons phase Last Q'r Dec. S 18°

Examined and found to be correct.

L. K. Lewis
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

At Sea. Making passage from Montevideo, to Falkland Islands.

Hour.	Knots.	~~Fathoms.~~ tenths	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1			S. W by S.	S. W.	6		29.83	69	65	63		b-c g.	Cr. Cum.	8	R	
2			S. W.	"	4-6		29.81	68	65	63		"	"	9	"	
3			"	"	H.		29.81	67	64	62		b-c.	Cir.	9	"	
4			"	"	3-5		29.82	67	64	62		"	"	9	"	
5			W. S. W.	W. S. W.	3-5		29.82	66	65	62		"	"	9	S.	
6			"	"	3-5		29.81	67	64	62		"	"	8	"	
7			"	W by S.	3-5		29.82	68	65	62		"	"	8	"	
8			"	"	3-5		29.83	68	67	64		"	"	8	"	
9			Standing down	"	4-6		29.88	68	68	66		"	Cir. Str.	8	"	
10			the river.	"	5-6		29.89	70	70	68		"	"	8	"	Steam and sail.
11			S. E by E.	"	6		29.89	71	72	70		"	"	8	"	Jib, fore sail, fore and main topsails and L.G. sails
Noon.	13	0	"	"	6		29.90	71	73	70		"	"	8	"	

Distance run by Log since preceding Noon — 13 knots ~ ~~fathoms.~~ tenths

Latitude by D. R. at Noon — S 35° 8' 0"

Longitude by D. R. at Noon — 9h 55° 38' 0"

Latitude by Observation at Noon ⊙ — ° ' "

Sq No. 589 Longitude by Chronometer from Forenoon Observations ⊙ — ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at — ° ' "

Water expended during the preceding 24 hours — 200 gallons.

Water Condensed during the preceding 24 hours — 300 "

Water remaining on hand fit for use at Noon — 2500 "

Coal consumed during the preceding 24 hours — tons lbs.

Coal remaining on hand at Noon — " "

P. M.																
1	10	4	S. E. by E.	W. by N.	6		29.82	71	74	71	70	b. c. g.	Cir. Str.	7	M.	
2	3	6	S. E. by E.	"	6		29.77	70	71	68	70	"	"	7	"	Set M. Trysail
3	10	0	"	"	6		29.75	71	72	68	70	"	"	6	"	
4	9	8		"	6		29.71	72	72	68	70	"	"	7	"	
	4	5	S. S. E.													4.20 Set fore topmast Staysail.
5	6	0	S. 1/2 W.	"	6		29.70	71	72	69	69	"	"	4	"	
6	10	4	"	"	6		29.72	72	71	69	69	"	"	3	"	
7	9	5	"	"	6		29.72	68	68	69	69	"	"	3	"	
#8	9	0	"	"	~~4~~		29.71	68	68	69	69	"	"	3	"	Density 25
9	8	2	"	S. W. by S.	1-2		29.77	73	68	66	69	b. e. w.	"	5	S.	
10	8	0	"	"	1		29.77	73	68	66	68	"	Str. Wind	8	"	
11	8	2	"	"	1		29.78	72	68	66	66	"	"	8	"	Steam alone
Mid.	8	0	"	"	1		29.78	72	68	66	66	"	"	8	"	

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by at — ° ' "

under the command of Commander H. S. Schley, U. S. Navy,

Thursday, January 16th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mid. to 4 AM. Clear and pleasant. with fresh to moderate breeze from S.W. Rough sea. Barr unsteady. Bright moonlight. Fires banked under six boilers - Distilling.

Lieut. Commdg.

From 4 to 8. AM. Clear and pleasant. Gentle to stiff breeze from S.S.W. to W. by S. blowing in squalls. At 8 spread fires. At 7.50 Flagship made gen. sig 9350. Answered. At 7.45 made int. sig. 6144. Flagship answered 904. At 8 crossed T.G. yards. Distilling.

C. K. Curtis
Lieut

8 AM. to Mid. Clear and pleasant. Fresh breeze from W. by S. At 8.20 brought to the starboard chain, and hove up anchor, and stood down the river under steam. At 9.25 called all hands "Make Sail" At 9.35 made sail to T.G. sails, except mainsail and spanker. At 9. made int. sig. 4893. Flagship answered and made 904. Took departure at 11. Flores light house bore (P.C.) N.W. distance 5 miles. East sight of Flores Island Light at 11.45. Fires under six boilers. Av. st. pres. 60 lbs. Av. rev. 60.

D. P. Quatt
Master

From Mid. to 4 P.M. Hazy pleasant weather. Fresh breeze from W. by N. Moderate sea. Bar. falling. Secured bower anchors for sea. At 1.20 changed course to S.S.E. Braced up and set M. trysail. Fires under six boilers. Av. st. pres. 60. Rev. 58. Density 20.

Lieut. Commdg.

From 4 to 6 P.M. Clear and pleasant, with fresh breeze from W. by N. Moderate sea. Bar. falling. At 4.25 changed course to S. ½ W. Braced up and set F.J. staysail. Density 26.

C. B. T. Moore
Ensign

From 6 to 8 P.M. Cloudy and pleasant. Fresh to moderate breeze from W. by N. At 6.30 furled T.G. sails, took single reefs in topsails. On course W½S. Density sea water 26. Av. rev. 55. Av. st. pres. 53 lbs. At 8 got cast of deep sea lead; bottom at 14 fms. Wind and sea moderating.

D. P. Quatt
Master

From 8 P.M. to Mid. Clear and pleasant; hazy and cloudy around horizon. Bright starlight. At 8.05 took in and furled all sail. Under steam ¾ power, pressure of steam 60 lbs. revolutions 57. Took soundings at 10. and 12. 22 fms. gray sand and shell at 10. 26 fms. with blue mud and shell at 12. 11.55 Upon course.

Lieut. Commdg.

Moon's phase Last Q. 5.2d

Examined and found to be correct.

C. K. Curtis
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

At Sea, Making passage from Montevideo to Falkland Islands

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	8	4	S by W.	N.N.	2		29.75	72	67	67	61	b.c.z.w.	Cir. Str.	7	S.	Under steam alone.
2	8	4	"	"	4		29.75	72	65	67	61	b.z.w.	None	10	"	Set main topsail
3	7	5	"	"	4		29.75	72	65	65	61	b.z.	"	10	"	
4	8	2	"	N.N.W.	5		29.73	71	66	65	61	b.c.z.	Str.	8	"	
5	9	0	"	"	5		29.70	69	65	64	61	b.z.	None	10	"	At 4.40 made sail to T.G. sails, with F.T. Staysail and spanker, with fore reef in topsails.
6	9	0	"	"	5		29.68	68	67	63	61	"	"	10	"	
7	6	4	"	N. by W.	5		29.69	68	67	63	61	"	"	10	"	At 6.10 stopped Engine
#8	6	4	"	N.W.	5		29.69	67	67	63	61	"	"	10	"	
9	7	2	S by W.	W.N.W.	5		29.66	68	67	63	61	b.c.z.	Cum. Str.	8	W.	Set all sail single reefed and cast off topsail.
10	7	6	"	"	5		29.66	68	67	63	61	"	"	8	"	
11	8	6	"	W by N.	5-6		29.64	71	67	64	66	"	"	8	"	
Noon.	7	6	"	"	5		29.64	71	67	64	66	"	"	8	"	

S 38-23 W 5-6

Distance run by Log since preceding Noon	206 knots 5 tenths ~~fathoms.~~
Latitude by D. R. at Noon	S 38 ° 23 ' 00 "
Longitude by D. R. at Noon	W 5-6 ° 09 ' 00 "
Latitude by Observation at Noon ⊙	S 38 ° 26 ' 46 "
Longitude by Chronometer from Forenoon Observations ⊙	W 5-5 ° 48 ' 00 "
Current during the time ~~24~~ ~~knots~~ 7 tenths ~~hrs.~~ per hour setting to the E ½ S	
Variation of the Compass by Amplitude ⊙ observed at Sunrise	° ' "
Variation of the Compass by Azimuth ⊙ observed at 8 A.M. Lat S 37-5-7 5 Lon S-5-38 W	10 ° 15 ' E "
Water expended during the preceding 24 hours	300 gallons.
Water Condensed during the preceding 24 hours	400 "
Water remaining on hand fit for use at Noon	2600 "
Coal consumed during the preceding 24 hours	tons lbs.
Coal remaining on hand at Noon	" "

Sig. No 589

P. M.																
1	5	0	S.S.W. ¾ W.	W.	3-4		29.67	66	67	66	66	b.c.z.	Cir. Str.	8	S	
2	4	0	S. ¾ W.	W. by S.	3-4		29.69	66	66	64	66	"	"	6	"	
3	3	2	"	"	3		29.69	67	66	64	66	"	"	8	"	
4	2	5	S.S.W. ½ W.	W.	2		29.69	68	67	66	66	"	"	9	"	
5	2	4	"	"	1-2		29.70	68	68	67	66	"	"	7	"	
6	1	5	"	N.W. by W.	1-2		29.70	68	68	67	66	"	"	8	S.	
7	3	8	S.W. by S.	N.W.	2-3		29.69	68	67	67	66	b.c.z.	"	8	"	Dwelly 26.
#8	3	8	"	"	2		29.69	68	66	65	66	"	"	9	"	
9	3	7	S.W. ½ S.	N.N.W.	3		29.68	68	66	65	66	"	"	8	"	
10	4	4	"	"	4		29.68	68	66	64	66	"	"	8	"	
11	5	6	"	"	4		29.68	70	66	64	66	"	"	8	"	
Mid.	6	0	"	"	4		29.68	71	66	64	66	"	"	8	"	

S 38-46 W 5-10

Longitude by Chronometer from Afternoon Observations ⊙	° ' "
Longitude by Chronometer from Observations *	° ' "
Variation of the Compass by Amplitude ⊙ observed at Sunset	° ' "
Variation of the Compass by at	° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Friday, January 17th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mid to 4 AM. Hazy, pleasant weather. Heavy dew first part of watch. Smooth sea. Bar. steady. Light breeze from N.W. to fresh breeze from W.N.W. At 2. got a cast of the lead in 27 fms. of water, white sandy bottom. At 2.30 set M. topsail. Moon rose at 12.

C. B. T. Moore
Ensign

4. to 8 AM. Hazy. Pleasant with fresh breeze from W.N.W. to N.W. increasing at end of watch. Smooth sea. Bar. falling. At 6.10 stopped the engines, unshipped propeller, hauled fires under four boilers, banked fires under two. Distilling. At 4.40 made sail to T.G. sails, with T.S. staysail and spanker, one reef in topsails. At 8. changed course to S. by W.

C. K. Curtis
Ensign

From 8 AM. to Merid. Hazy and pleasant. Stiff to fresh breeze from W.N.W. to W by N. At 8.45 set mainsail single reefed, and gaff topsail. At 9 commenced distilling. Sounded alarm to fire quarters at 9.38.15 ready as follows. 1st Div. 9.39.20. Nav. Div. 9.40.05. M.G. 9.40.00. 2d Div. 9.40.05. Exercised at fire quarters. Aired bedding. By order of Commander Wm. C. Robinson (Ldr) was given 3 mid watches, for attention to duty. Sea moderate. Density sea water 26.

Lam. Sands
Ensign

Mid to 4 PM. Clear and pleasant, hazy around horizon. Light to moderate breeze from W. to W by S. Bar. steady. Distilling. Sea smooth. Full and by.

C. B. T. Moore
Ensign

4. to 6 PM. Hazy, pleasant weather. Light airs from West. Bar. steady. Light fog bank lying nearly all around the horizon. Smooth sea. Got up and bent T. storm staysail, Mizzen storm staysail and Storm mizzen. Distilling

E. P. Jewett
Master

From 6 to 8 PM Clear and pleasant. hazy around horizon. Long swell from N.W. Light breeze from N.W. By order of Comdg. Officer Samuel Griffin was rated Sea. from Jany. 1st inclusive. Fires, banked under two boilers. Distilling. Bo. St. pres. 25 lbs.

Lam. Sands
Ensign

8 PM. to Mid. Clear and pleasant. hazy about horizon. Gentle to moderate breeze from N.N.W. At 8.10 changed course to S.W. ½ S. At 10.55 stopped distilling and hauled fires. Bar. steady. Long swell from N. & W. Density sea water 26

C. B. T. Moore
Ensign

Moons phases last- Q 28°

Examined and found to be correct.

C. K. Curtis
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d. Rate, 6 Guns,

At Sea, Making passage from Monte Video, to Falkland Islands.

Hour.	Knots.	Tenths.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	4	4	S.W½S.	N.W by W.	3		29.62	69	65	64	66	b.c.z.r.	Str.	8	2	Jib F.T.M.stay sail fore
2	2	0	S.	N.W.	2-3		29.62	68	65	64	66	"	Str. Nimb.	6	"	sail, single reefed topsail
3	1	6	S.S.E.	W by N.	1-2		29.62	68	65	64	66	"	"	7	"	topsails and Spanker
4	1	5	S by E.		1-2		29.62	68	65	64	66	b.c.z.	Str.	7	"	
5	2	0	S.S.W.	West	1-2		29.69	68	65	64	66	"	Cir. Str.	6	"	
6	2	5	S by W.	W. by S.	1-2		29.70	68	65	64	66	"	"	7	"	Shook out reefs. Set single reefed M. sail and gaff topsail.
7	2	7	S.	W.S.W.	2		29.71	67	65	64	66	b.c.z.f.	"	7	"	
#8	2	6	"	"	1-2		29.72	67	66	65	66		"	8	"	
9	3	8	"	"	3		29.74	67	66	65	63	b.c.f.	"	9	"	Density 26.
10	3	2	S¼W.	"	3		29.76	66	66	65	63	b.c.	"	8	"	
11	3	2	S.½E.		3		29.78	65	66	64	63	"	"	8	"	
Noon.	3	6	S by E½E.	S.W.	3		29.79	65	66	64	62	"	"	8	"	

Distance run by Log since preceding Noon — 77 knots 3 tenths fathoms.

Latitude by D. R. at Noon — S. 39 ° 29 ' 36 "

Longitude by D. R. at Noon — W. 56 ° 35 ' "

Latitude by Observation at Noon ⊙ — S. 39 ° 26 ' 48 "

Longitude by Chronometer from Forenoon Observations ⊙ — W. 56 ° 18 ' "

Current during the time knots 6 tenths per hour setting to the E by N.

Sy. N. 589 Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at 8 A.M. Lat 39° 24' S Long 56° 18' W. E. 12 ° ' "

Water expended during the preceding 24 hours — 300 gallons.

Water Condensed during the preceding 24 hours — 400 "

Water remaining on hand fit for use at Noon — 2700 "

Coal consumed during the preceding 24 hours — tons lbs.

Coal remaining on hand at Noon — " "

P. M.															
1	3	7	S by E½E.	S.W by W.	3		29.80	67	66	64	62	b.c.z.	Cir. Str.	8	2	
2	3	7	"	"	3		29.82	67	66	64	62	"	"	8	4	
3	4	0	"	"	3		29.84	67	66	64	62	"	"	8	"	
4	3	8	S by E ¾ E.		3		29.85	68	66	64	62	"	"	8	"	
5	3	6	S.½E.	W.S.W.	3		29.83	66	65	64	62	"	"	9	"	
6	3	2	S.	"	2-3		29.83	65	64	62	62	"	"	6	"	
7	1	0	"	"	3		29.86	67	65	64	62	"	"	7	"	
#8	2	8	S.¼E.	"	3		29.88	65	62	61	62	"	"	7	"	Single reefed topsails.
9	1	4	N.W.½W.	"	1-2		29.88	65	60	60	60	b.c.z.r.	"	9	"	
10	1	0	N.W.	"	1		29.88	65	60	61	58	"	"	9	"	
11	1	0	N.W by W.	W. by S.	1		29.88	65	60	60	56	"	"	9	"	
Mid.	1	4	S. by W.	"	1		29.89	65	61	61	56	"	"	9	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Saturday, January 18th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mid. to 4 AM. Clear and pleasant. Hazy and cloudy around horizon. Smooth sea. Bar. steady. Light breeze from N.W. to Wby N. ~~Baffling~~ ~~to~~ S. AM. Taken aback at 1.20, braced around after yards, several times. Hauled up mainsail, set it and again hauled up, took in gaff topsail.

L. P. Jewett
Master

4 to 8 AM. Clear and pleasant. Hazy. Fog bank lying partly around the horizon. Bar. rising steadily. Smooth sea. Light airs to light breeze from West to W.S.W. Density of sea water 25. At 6 o'clock shook reefs out of topsails, and set mainsail single reefed, and gaff topsails

Sam. L. Brodie
Ensign

8 AM. to Merid. Clear and pleasant. Fog bank around the horizon, first part of watch. Light breeze from W.S.W. to S.W. Smooth sea. Bar. rising, at noon 29.79 Density 26.

C. B. T. Moore
Ensign

Merid to 4 PM. Clear and pleasant. Hazy around horizon. Gentle breeze from S.W. by W. Bar. rising. Long swell from S. & W. At 2.20 made a sail, one point on lee bow. Density sea water 26. Full and by.

L. P. Jewett
Master

4 to 6 PM. Clear and pleasant, hazy around horizon. Gentle breeze from W.S.W. Bar. steady. Long swell from S. & W. At 5.35 sighted another sail 2 points on the lee bow. Exchanged colors with AM. whaler "George and Susan," At 6.53 hove to, M. topsail to mast, and communicated.

Sam. L. Brodie
Ensign

6 to 8 PM. Clear and pleasant. Light breeze from W.S.W. Smooth sea. Bar. rising steadily. The Captain of the "George and Susan", and his wife, came on board, at 7.45 they left the ship and we filled away, and stood on close hauled. At 7.15 took one reef in topsails. Density of sea water 25.

C. B. T. Moore
Ensign

8 PM. to Mid. Clear and pleasant. Hazy around the horizon. Long swell from S.W. Light breeze from W.S.W. to W. by S. At 8 backed ship, and at 11. Density of sea water 26.

L. P. Jewett
Master.

Moons Phase Last Q^r Dec. 3 27^h

Examined and found to be correct.

C. K. Lewis
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

At Sea, Making passage from Monte Video, to Falkland Islands.

Hour.	Knots. Tenths.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.															Ts. sails single reefed topsails, jib, F.T. Staysail and M. sail.
1	6 5	S.	W.S.W.	1		29.88	66	61	61	56	b.c.m.z.	Cirro Str	8	S.	
2	6 5	"	"	1		29.86	68	61	60	56	"	"	8	"	Hauled up M. sail
3	6 5	S. ½ W.	"	1		29.86	68	61	60	56	"	"	7	"	Took in spanker and S. topsail.
4	6 5	"	"	1		29.84	68	60	60	56	"	"	7	"	
5	6 5	S.W.	N. by W.	2		29.84	66	59	59	56	"	Cir. Str.	8	"	
6	1 5	"	"	2		29.88	65	60	60	56	b.c.	"	8	"	
7	2 0	"	N.N.W.	2		29.88	65	60	60	56	"	"	7	"	
#8	3 5	"	N.W.	3		29.90	63	60	60	56	"	"	8	"	
9	5 5	"	N.W. by N.	4		29.90	62	61	61	56	"	"	6	"	
10	6 5	"	N.W.	3-4		29.90	63	62	62	56	"	"	5	"	
11	5 5	"	N.W. by N.	4		29.90	63	63	62	56	"	"	4	"	
Noon.	5 2	"	N.W.	3-4		29.88	64	64	63	56	"	"	5	"	

Distance run by Log since preceding Noon — 62 knots 8 Tenths ~~fathoms.~~

Latitude by D. R. at Noon — S. 40 ° 11 ' 20 "

Longitude by D. R. at Noon — W. 56 ° 54 ' "

Latitude by Observation at Noon ⊙ — S. 40 ° 2 ' "

Longitude by Chronometer from Forenoon Observations ⊙ — W. 56 ° 34 ' "

Current during the time 0 knots 7 ~~fms.~~ Tenths per hour setting to the N E by E

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at 8 A.M. Lat 39° 55' S Lng 56 11 W — E 11 ° 20 '

Water expended during the preceding 24 hours — 300 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon — 2400 "

Coal consumed during the preceding 24 hours — tons lbs.

Coal remaining on hand at Noon " "

P. M.														
1	3 1	7 6	S.W. S.W. ½ W.	N. W.	3	29.85	65	65	65	61	b.c.	Cir. Str.	6	S.
2	5	7	"	"	4	29.84	65	66	65	61	"	"	6	"
3	4	7	"	N.W. by N.	2-3	29.82	65	67	66	61	"	"	4	"
4	1	0	"	Baffling	0-1	29.82	66	68	68	60	"	"	6	"
5	No clearage way			Calm	0	29.82	67	68	68	61	"	"	4	"
6	"	"	"	"	0	29.82	68	67	67	61	b.c.z.	"	6	"
7	"	"	"	"	0	29.82	67	67	66	61	"	"	5	"
#8	0	5	S.W. ½ W.	S.E. by S.	1	29.85	67	65	64	61	"	"	5	"
9	0	5	S.W.	S.E.	0-1	29.86	67	64	64	61	b.c.z.r.	"	8	"
10	0	5	"	E.	0-1	29.87	68	64	64	61	b.z.r.	None	8	"
11	0	5	"	S.S.E.	0-1	29.87	68	63	63	61	"	"	8	"
Mid.	1	5	"	"	1	29.87	67	62	62	61	"	"	8	"

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Sunday, January 19th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Clear and very damp. Hazy around horizon. Light airs from W. S.W. At 12.20 hailed up mainsail, took in spanker and gaff topsail. At 1.10 morn rose. Density sea water 25.

Saml Sneeds
Ensign

4 to 8 AM. Clear and pleasant. Hazy around horizon. Light airs from N. by W. to N.W. Bar. rising Smooth sea. At 5.45 ordered royal yards, shook reef nt of topsails and made sail to royals. Two whaling ships in sight. Hydrometer broken by accident.

De. R. Lewis
Lieut.

8 AM. to Merid. Clear and pleasant. Gentle to moderate breeze N.W. Bar. steady. Smooth sea. Divisional inspection at 9.45. At 10. the Comdg. Officer inspected ships and crew at quarters. Prayers immediately afterwards. Two whaling vessels in sight.

L. P. Jewett
Master

Merid. to 4 P.M. Clear and pleasant, hazy around horizon, and fog bank to S.E. & E. Light breeze from N.W. first three hours of watch. Light baffling airs last hours. Braced around twice. Took in mainsail at 3.25. Smooth sea. At 12.40 changed Course to S.W.½W. At 3.50 took in spanker and gaff topsail. Two sails in sight during watch.

Saml Sneeds
Ensign

4 to 6 P.M. Cloudy and pleasant. Calm. Hazy. No steerage way. Density of sea water

C. B. T. Moore
Ensign

6 to 8 P.M. Pleasant weather. Light air. Sh. clouds. Hazy. Calms and light airs. Bar. rising. Smooth sea.

L. P. Jewett
Master

8 P.M. to Mid Clear and pleasant. Thick haze around the horizon. Damp. Smooth sea. Bar. steady. Light airs from S.S.E. to E. At 8 changed course to S.W.

Saml Sneeds
Ensign

Moons phase Last Qr. Dec 8 2 C°

Examined and found to be correct.

De. R. Lewis
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

At Sea, Making passage from Montevideo, to Falkland Islands

Hour.	Knots.	Tenths fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	3	0	S.W.	S.S.E.	2-3		29.87	65	60	60	59	b.g.w.	None	10	S.	All plain sail except
2	3	6	"	"	3		29.88	65	60	60	59	"	"	10	"	mainsail, spanker and T.topsl
3	4	4	"	"	3		29.88	64	59	59	59	"		10	"	F.T.Staysail At 12. set M.sl.
4	4	5	"	S.E.	3		29.88	64	59	59	60	b.c.w.	Str.	9	"	
5	3	0	"	"	2		29.91	65	60	60	68	b.c.	"	9	"	
6	2	8	"	"	2		29.94	65	60	60	60	"	"	9	"	
7	3	2	"	"	2		29.92	65	60	59	60	"	"	9	"	Set spanker and
#8	4	0	"	"	3		29.94	65	60	59	60	"	"	9	"	T. topsail.
9	4	5	S.W¼W.	S.Eby S.	3		30.00	64	61	60	60	"	"	9	"	
10	4	2	S.W.	S.E.by S.	3		30.02	65	61	60	60	"	"	9	"	
11	4	5	"	S.E.	3		30.03	65	62	62	60	b.	None	10	"	
Noon.	4	0	"	S.E.	3		30.04	65	63	62	60	"	"	10	"	

John P. Cheatham
of Calaveras

S 40-22 W 82-26

Distance run by Log since preceding Noon 42 knots 8 tenths fathoms.

Latitude by D. R. at Noon S 40° 37' 8·6"

Longitude by D. R. at Noon W 57° 41' 45"

Latitude by Observation at Noon ⊙ S 40° 31' 25"

Longitude by Chronometer from Forenoon Observations ⊙ W 57° 45' 56"

Current during the time knots 3 tenths fms. per hour setting to the NNW¼W

Lgr W 5·76 Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at 8 A.M. {Lat-S 40-21-57 / Lng W 57-26-14} E 11° 10' "

Water expended during the preceding 24 hours 200 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 2200 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.															
1	2	6	S.W.												
	0	8	S.W. ¼ W.	East	2	30.04	64	66	65	60	b.	None	10	S.	
2	3	5	"	"	3	30.04	64	66	65	60	"	"	10	"	
3	2	8	S.W.	"	1-2	30.04	64	66	65	60	"	"	10	"	
4	2	3	"	"	1-2	30.04	65	66	65	60	"	"	10	"	
5	2	2	"	E.N.E.	1-2	30.04	65	64	64	63	"	"	10	"	Took in Spanker & topsail
6	2	0	"	"	1	30.04	65	65	65	63	"	"	10	"	M.sail F.T.staysail and
7	1	5	"	N.E.	1	30.04	65	66	65	64	b.z.	"	10	"	F.jib.
#8	1	0	"	"	1	30.04	65	67	65	64	"	"	10	"	
9	0	8	"	"	1	30.04	68	65	64	64	b.z.w.	"	10	"	
10	1	3	"	"	1	30.04	68	65	64	64	"	"	10	"	
11	2	0	"	"	1-2	30.04	68	65	64	64	"	"	10	"	
Mid.	2	0	"	"	1-2	30.05	68	65	64	64	"	"	10	"	

S 40-41 W 58-06

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Monday, January 20th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mid. to 4 AM. Hazy, pleasant weather. Bright starlight. Very heavy dew. Smooth sea. Bar. steady. At 12.12 set mainsail, under all plain sail ~~except~~ with F.J. staysail, & except spanker and and gaff topsail. Moon rose at 2.30.

C. B. T. Moore
Ensign

4. to 8 AM. Clear and pleasant. Light to gentle breeze from S.E. At daylight made two sails on lee beam, standing to S.E. & W. At 6.55 set spanker and gaff topsail

L. K. Lewis
Lieut.

8 AM. to Merid. Clear and pleasant. Gentle breeze from S.E. by S. to S.E. Smooth sea. Bar. rising. At 9.15 sounded the call to general quarters. Divisions reported as follows 1st Div. 4m. 50s. 2d Div. 3m. 25s. Nav. 3m. 10s. Powder 3m. 10. M.G. 5m. 55s. Engrs. 7m. 25s. Secured in 5m. 20s. Exchanged colors with two German barques, standing to S. & W. Inspected bags. A number of albatrosses, cape hens and gulls about ship, also several schools of porpoises.

Saml. Shelby
Ensign

Merid. to 4 P.M. Clear and pleasant. Smooth sea. Bar. steady. Light to gentle breeze from East. At 12.45 changed course to S.W½W. At 3 changed course again to S.W.

C. B. T. Moore
Ensign

4. to 6 P.M. Clear and pleasant. Smooth sea. Bar. steady at 30.04. Gentle breeze from E.N.E. Two sails in sight, during the watch.

L. P. Jewett
Master

6. to 8. P.M. Clear and pleasant. Hazy around horizon. Light airs from N.E. At 6.45 took in mainsail, spanker, gaff topsail, F.J. staysail and J. jib. Smooth sea. Bar. steady 30.04.

Saml. Shelby
Ensign

8 P.M. to Mid Clear and pleasant. Heavy dew and hazy around horizon. ~~Light airs from~~ N.E. Smooth sea. Bar. steady 30.05.

C. B. T. Moore,
Ensign.

Moons phase Last Q^r Dec. S 24°

Examined and found to be correct.

L. K. Lewis
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

At Sea, Making Passage from Monte Video, to Falkland Islands

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																Jib, foresail, topsails tgt sails, royals.
1	1	5	S.W.	N.E.	0-1		30.05	67	65	65	64	b.g.w.	None.	10	S.	
2	1	6	"	"	1-2		30.05	67	65	65	64	"	"	10	"	
3	1	3	"	"	1-2		30.05	67	65	65	64	"	"	10	"	
4	2	0	"	"	1-2		30.05	67	64	64	64	"	"	10	"	
5	2	0	"	"	1-2		30.05	67	65	65	63	"	"	10	"	
6	1	5	"	"	1-2		30.05	67	65	65	63	b.	"	10	"	
7	1	2	"	"	1-2		30.06	68	66	66	63	"	"	10	"	
#8	1	5	"	"	1-2		30.08	68	67	66	63	"	"	10	"	
9	1	0	"	"	1-2		30.08	69	68	66	63	"	"	10	"	
10	1	0	"	"	1		30.08	69	68	66	63	"	"	10	"	
11	1	5	"	"	1		30.08	69	68	66	63	"	"	10	"	
Noon.	1	8	"	"	1		30.10	71	71	67	63	"	"	10	"	

S 40-5-2 W 5-8-37

Distance run by Log since preceding Noon 42 knots 9 tenths ~~fathoms.~~

Latitude by D. R. at Noon S 41 0 5 8 07 "

Longitude by D. R. at Noon W 58 0 33 01 "

Latitude by Observation at Noon ⊙ S 41 0 54 32 "

Longitude by Chronometer from Forenoon Observations ⊙ W 58 0 42 25 "

Current during the time knots .17 tenths ~~fms.~~ per hour setting to the NW½W

Lgr W Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

3°76 Variation of the Compass by Azimuth ⊙ observed at 8 A.M. { Lat S 40-57-38 / Lng W 58-36-37 } E 11° ' "

Water expended during the preceding 24 hours 200 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 1900 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.															
1	1	8	SW. S.W.½S.	N.E.	2	30.10	71	74	72	65	b.	None	10	S.	Set spanker & q. to peak
2	3	0	"	"	3	30.09	69	71	70	66	"	"	10	"	
3	3	2	"	"	3	30.07	69	70	69	66	"	"	10	"	
4	3	0	"	"	3	30.07	69	72	70	67	"	"	10	"	
5	3	0	"	"	3	30.07	69	73	72	66	"	"	10	"	
6	3	0	"	N.E by N.	3	30.07	70	73	72	66	"	"	10	"	
7	3	4	"	N.N.E.	3-4	30.05	69	71	70	66	"	"	10	"	
#8	4	0	"	"	4	30.04	69	68	68	65	"	"	10	"	
9	4	0	"	"	3	30.03	68	68	68	65	"	"	10	"	
10	4	2	"	"	3	30.02	71	68	68	65	"	"	10	"	
11	4	6	"	"	4	30.01	71	68	68	65	"	"	10	"	
Mid.	5	2	"	"	4	30.00	71	68	68	66	b.f.	"	10	"	

S 41-10 W 5-8-07

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Tuesday, January 21st, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mid. to 4 AM. Clear and pleasant. Hazy around the horizon, and very damp. Smooth sea. Bar. steady. Light airs to light breeze from N. E. Steering S.W. under jib, foresail, topsails, to gt. sails and royals. Hom rose at 3.50.

L. P. Jarrett
Master

4 to 8 AM. Clear and pleasant. Smooth sea. Light breeze from N.E. Bar. rising 29.08 At 8. steering S.W. No change made in sail. The two tasks sighted yesterday, sighted at 4 AM. about 2 points on port bow.

Lo. K. Lewis.
Lieut.

From 8 AM to Merid. Clear and pleasant. Light airs from N.E. Smooth sea. At 9.15 inspected at quarters. At 10. had dress parade. August Gross and F.D. Darragh were rated from O.S. 2d Cl. to O.S. from the 1st inst. inclusive: by order of Comdg. Officer.

L. B. C. B. Moore
Ensign

Merid. to 4 P.M. Clear and pleasant. Gentle breeze from N.E. Smooth sea. Bar. falling. At 1.30 set spanker and gaff topsail

L. P. Jarrett

4 to 6 P.M. Clear and pleasant, with light breeze from N.E. & N.E. by N. Bar. falling Smooth sea.

Lan. Sparks
Ensign

6 to 8. P.M. Clear and pleasant, with light increasing breeze from N.N.E. Steering S.W. 1/2 S. under jib, royals, T.G. sails, topsails, foresail, spanker and gaff topsail. Smooth sea. Bar. falling 30.03 at 8 o'clock

L. B. T. Moore
Ensign

8 P.M. to Mid. Clear and pleasant. Gentle to moderate breeze from N.N.E. On course S.W. 1/2 S. Hazy around horizon.

L. P. Jarrett
Master

Moons phase Last Qr Dec 5 21h

Examined and found to be correct.

Lo. K. Lewis
Lieutenant

Navigator.

LOG of the UNITED STATES ~~Steamer~~ "Essex", 3d Rate, 6 Guns,

At Sea. Making passage from Monte Video to Falkland Islands.

Hour.	Knots.	Fathoms	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	6	8	S. W½ S.	N. by W.	5-6		29.98	68	65	64	64	o.f.	–	0	S	Set mainsail
2	6	5	"	"	5		29.97	68	64	66	60	"	–	0	"	
3	5	5	"	"	5		29.95	67	64	64	64	"	–	0	"	
4	5	6	"	N N.W.	4		29.95	67	67	64	64	"	–	0	"	
5	5	6	"	N.	4		29.93	66	64	64	64	o.f.m.	–	0	"	
6	5	8	"	"	5		29.95	66	64	64	64	"	–	0	"	
7	7	5	"	"	6		29.95	66	64	64	64	"	–	0	"	
8	8	0	"	"	6		29.95	65	64	64	64	"	–	0	"	
9	6	8	"	N. W.	4		29.94	65	64	64	64	o.m.	–	0	"	
10	6	6	"	N N.W.	4		29.92	65	65	65	64	"	–	0	"	
11	7	2	S.W by S.	"	4		29.90	66	65	65	64	"	–	0	"	Set F.S. staysail
Noon.	8	2	"	"	4		29.87	66	65	65	64	o.f.	Cir. Nimbs	0	"	

Distance run by Log since preceding Noon: 122 knots 3 tenths ~~fathoms~~.

Latitude by D. R. at Noon: S 42° 13' 8"

Longitude by D. R. at Noon: W 60° 47' 25"

Latitude by Observation at Noon ⊙: S 42° 16' 31"

Longitude by Chronometer from Forenoon Observations ⊙: W 60° 52' 29"

Current during the time knots 2 tenths ~~fms.~~ per hour setting to the S W½ W

Variation of the Compass by Amplitude ⊙ observed at Sunrise: ° ' "

Variation of the Compass by Azimuth ⊙ observed at: ° ' "

Water expended during the preceding 24 hours: ~~200~~ gallons.

Water during the preceding 24 hours: "

Water remaining on hand fit for use at Noon: 1600 "

Coal consumed during the preceding 24 hours: tons lbs.

Coal remaining on hand at Noon: " "

P. M.														
1	4	4	S. W by S.											
	2	2	S. S. W ¾ W.	N. N. W.	5	29.87	68	67	66	64	b.c.z.	Cir. Nimbs	1	W. Hauled down F.S. staysail
2	6	2	"	"	5	29.85	68	67	66	64	"	"	5	"
3	6	5	"	"	5	29.84	70	67	66	65	"	"	5	"
4	6	6	"	"	5	29.82	70	67	66	65	"	"	7	"
5	7	4	"	"	5-6	29.77	67	67	66	65	"	"	5	" Took in royals.
6	7	5	"	"	6	29.75	67	67	66	65	"	"	7	"
7	8	0	"	"	6	29.72	67	67	66	65	o.c.	"	0	" Took in spanker and part to sail: took two reefs in topsails and
8	6	4	"	N W by N.	7	29.69	68	68	66	65	"	Nimbs Shr.	0	" are in for the
9	5	8	S. S. W.	N. W.	7-8	29.69	68	67	67	65	"	"	0	"
10	7	0	"	N. W by N.	6-7	29.69	68	66	68	65	b.c.	Shr.	8	"
11	7	0	"	"	7	29.66	68	66	66	65	"	"	8	"
Mid.	6	0	"	"	7	29.64	68	68	67	65	b.c.l.	"	8	"

Longitude by Chronometer from Afternoon Observations ⊙: ° ' "

Longitude by Chronometer from Observations *: ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset: ° ' "

Variation of the Compass by at: ° ' "

under the command of Commander W. L. Schley, U. S. Navy,

Wednesday, January 22d, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mid. to 4 AM. Overcast, rain, and disagreeable weather, heavy fog lifting somewhat last hour. Fresh to moderate breeze decreasing in force. Bar. falling. At 12.30 set mainsail.

Lan. L. Sayler
Ensign

From 4. to 8. AM. Overcast, foggy, and misty. Very damp. Bar. steady. Smooth sea. Fresh breeze from North. Annular eclipse of sun visible at times - lower limb partly obscured.

C. B. T. Moore
Ensign

8 AM. to Merid. Overcast, and misty. Moderate breeze from N.N.W. Smooth sea. Bar. falling, 29.87 at noon. Confined in double irons John Delmon (O.S.) Offense, answering back. Exercised 1st and 2d Div. and Marine Guard. at great guns. At 10 changed course to D.W. by S. At 11.15 set F.S. Staysail. Under all plain sail, except flying jib. one reef in mainsail.

L. P. Jewett
Master

Merid. to 4 PM. Cloudy and pleasant. Stiff breeze from N.N.W. At 12.40 changed course to S.S.W. 3/4 W. At 1 hauled down F. Topmast Staysail. A remarkably large school of porpoises playing around the ship. Hazy atmosphere. Moderate sea setting from N.E. & W.

Lan. L. Sayler
Ensign

4. to 6. PM. Cloudy but pleasant weather. Fresh breeze from N.N.W. Moderate sea. Bar. falling. At 5.30 took in royals. A board of Surveyors in Pay. Dept. to inspect coffee. Recommended that the coffee be condemned, and ~~recommended to~~ be turned into slops.

C. B. T. Moore
Ensign

6. to 8. PM. Overcast. Stiff breeze to moderate gale from N.N.W. and N.W. by W. Moderate sea. Falling barometer. At 7 called all hands, took in spanker and gaff topsail, took two reefs in topsails and one in forsail.

L. P. Jewett
Master

From 8 PM. to Mid. Overcast first hour of watch. Clear starlight remainder. Lightening in S. last hour. ~~very fresh~~ breeze from N.W. to N.W. by N. Moderate sea. Bar. falling. At 8.15 changed course to S.S.W. At 11.20 took in and furled mainsail. Close reefed F. topsail

Lan. L. Sayler
Ensign

Mean of Thermometer ~~Last~~ New Moon S 17'

Examined and found to be correct.

C. K. Curtis
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

At Sea. Making passage from Monte Video to Falkland Islands

Hour.	Knots.	Fathoms	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	6	5	S. S. W.	N. W.	6-7		29.63	71	68	66	65	b. c. l.	Cir. Nimb	6	M.	Close reefed topsail
2	6	1	"	"	6-7		29.61	71	68	66	65	"	"	5	"	single reefed fore and
3	6	2	"	"	6-7		29.61	71	68	66	64	"	"	4	"	mainsail and spanker
4	5	6	S. W by W. 3/4 W.	N. S. W.	6-7		29.61	71	68	66	64	"	"	4	"	
5	3	0	S. by W.	N. W.	3-5		29.63	68	66	66	64	o c.	Cir. Cum. Nimb	0	"	
6	5	0	S. S. W.	N. W. by N.	4-6		29.58	68	67	66	64	"	"	0	"	
7	4	8	"	"	4-5		29.56	68	67	66	64	"	"	0	"	Set M. sail. Shook one reef out
8	4	3	"	"	4-5		29.57	67	67	64	64	"	"	0	"	of topsail. Set F. sails.
9	4	0	"	Var.	3-4		29.57	67	67	66	64	"	Nimb. Str.	0	"	Took in M. sail.
10	4	0	"	N. W. by N.	4-5		29.57	66	67	66	64	"	"	0	"	Set M. sail
11	5	5	"	"	4		29.53	66	67	66	64	o. c. z.	"	0	"	Hoisted Jib, Spanker, and
Noon.	5	7	"	W.	3-4		29.57	66	67	66	64	o. c. z. p. t.	Nimb Cum.	0	"	gaff topsail.

S 44-01 W 62-32

Distance run by Log since preceding Noon	143 knots — ~~fathoms~~.
Latitude by D. R. at Noon	S 44 ° 4' 37"
Longitude by D. R. at Noon	W 63 ° 1' 29"
Latitude by Observation at Noon ⊙	S 44 ° 14' 56"
Longitude by Chronometer from Forenoon Observations ⊙	W 62 ° 49' 32"
Current during the time knots 5 ~~fms.~~ per hour setting to the	S. 6½ S.
Variation of the Compass by Amplitude ⊙ observed at Sunrise	° ' "
Variation of the Compass by Azimuth ⊙ observed at 8 Am. S 44-01-08 W 62-32-08	E 14 ° 35' "
Water expended during the preceding 24 hours	300 gallons.
Water during the preceding 24 hours	"
Water remaining on hand fit for use at Noon	1200 "
Coal consumed during the preceding 24 hours	tons lbs.
Coal remaining on hand at Noon	" "

Lg W 5' 73-

P. M.																
1	3	½	S. E.	Var.	3-6		29.57	67	66	66	64	o z. q.	Nimb Cum	0	M.	
2	2	8	W by N. ½ N.	S. W by S.	4-6		29.53	67	65	64	64	"	"	0	"	Shook reefs out of topsails
3	3	0	N E ½ E.	"	5		29.54	66	66	64	64	b. c. q.	Cir. Nimb	1	"	and set F. S. sails
4	4	5	S. E. ¼ E.	S. S. W.	3-6		29.58	66	65	65	64	b. c.	Cum. Nimb	4	S	
5	6	4	E. S. E. ¼ E.	S.	6		29.56	66	65	64	64	b. c.	"	4	"	
6	7	2	E ¾ S.	"	6		29.54	67	64	63	64	"	"	4	M.	Took in gaff topsail spanker sail Mainsail and double reefed topsails.
7	3	8	S. W. ½ W.	S. S. E.	5-6		29.64	67	63	62	64	"	"	3	"	
8	2	0	S. W.	Var.	0-3		29.68	67	64	62	64	"	Cum Nimb	2	S.	Set Main sail and
9	1	1	S. W by W. ½ W.	E. by S.	2-5	½	29.71	67	63	62	64	o. c.	"	0	"	Spanker
10	2	0	S. ¾ W.	E. S. E.	5	½	29.72	67	64	62	64	o. c. l.	Nimb.	0	"	Hauled down jib took
11	2	5	"	"	6-7	½	29.72	66	61	61	64	"	"	0	NW	in spanker.
Mid.	2	0	S. ½ W.	"	4-0	½	29.73	66	61	61	64	"	"	0	W.	

S 44-32 W 62-37

Longitude by Chronometer from Afternoon Observations ⊙	° ' "
Longitude by Chronometer from Observations *	° ' "
Variation of the Compass by Amplitude ⊙ observed at Sunset	° ' "
Variation of the Compass by at	° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Thursday, January 23d, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Cloudy and pleasant. Continuous flashes of lightning appearing in S.E. horizon. Fresh to very fresh breeze from N.W. At 3.30 shifted suddenly to W.S.W. then gradually ~~veered~~ to W.N.W. Moderate sea and long swell from N.d + W.d. Bar. steady. At 4. on course S.S.W. Atmosphere very dry.

C. B. F. Moore

4 to 8 AM. Overcast, cloudy, damp and disagreeable. Moderate to ~~Stiff~~ breeze fm N.W. by N. to N.W. Baffling first hour of watch, shifting fm W.S.W. to N.W. Moderate sea. Bar. falling. Set mainsail at 7.55.

C. K. Curtis
Lieut.

From 8 AM. to Merid. Overcast, cloudy and damp, ~~Gentle to fresh~~ gentle to stiff breeze throughout watch fm N.W. by N. to W. Wind variable first hour. Bar. steady. Moderate sea. Thunder and passing rain. Showers last hour of watch. At 8.00 took in mainsail, at 9.40 set mainsail. At 10. hoisted jib and set spanker and gaff topsail. At 9.15 mustered and inspected at quarters. Exercised A. Company at single sticks, and Marines at ~~single~~ small arms. Rove off new topsail sheets

Jas. C. Soley
Ensign

From Merid. to 4 PM. Overcast and squally first part of watch. Clear and pleasant last hour. ~~fresh~~ Gentle to breeze fm N.d + W.d, dying down at end of watch. Moderate to smooth sea. Bar. rising. At 2. sighted a sail to S.E. At 1.40 down ship to N.d and took in J.G. sails. At 1.45 shook one reef out of topsails At 2.45 up ship. At 3. set J.G. sails. At 3.30 shook reefs out of topsails.

C. B. F. Moore
Ensign

From 4. to 6 PM. Cloudy and pleasant. Fresh breeze fm South. Full and by. Moderate sea. Long swell fm N.d + E.d.

L. P. Jewett
Master

From 6 to 8. PM. Cloudy. First hour wind fresh fm S.S.E., baffling and variable last hour. Calm at times. At 6. Down ship to S.d + W.d, took in gaff topsail. At 7 took two separate reefs in the topsails. Took in mainsail. Bar. rising.

Jas. C. Soley
Ensign

From 8 PM. to Mid. Overcast, cloudy, Lightning. Light to ~~fresh~~ breeze fm E.S.E. Course to moderate sea. Bar. rising. Steering by the wind first three hours. Steering course last hour. At 8.30 set mainsail and spanker. At 9.45 took in spanker, and hauled down jib.

C. B. F. Moore
Ensign

Noon place. ~~Lat 12° 9' N.~~ ~~Dist~~ S 12°

Examined and found to be correct.

C. K. Curtis
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

At Sea, Making passage from Monte Video, to Falkland Islands.

Hour.	Knots. Distance	Fathoms	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	½	8	S. ½ W.	E. by S.	5		29.74	65	60	60	62	o. c. m. u.	Nimb. Cum	0	S	Double reefed topsails, single
2	3	0	"	"	6		29.69	65	61	60	62	"	"	0	"	reefed Courses, F. T. M. staysail
3	3	4	"	"	6		29.68	65	61	60	62	b. c.	Nimb Str.	6	M.	
4	3	7	"	E.	5		29.70	65	61	60	62	"	Cir. Str. Nimb	2	"	
5	3	5	"	"	5		29.72	66	61	60	62	"	"	4	"	Shook one reef out of topsails
6	4	0	"	E. by N.	5		29.76	66	61	60	62	"	"	4	"	Set jib, spanker, and S. staysail
7	4	8	"	"	5		29.76	66	61	60	62	"	"	4	"	
8	5	4	"	"	5		29.74	66	61	60	62	"	"	5	"	Set royals and
9	6	2	"	"	5		29.78	65	63	62	62	"	Cir. Cum.	6	"	flying jib.
10	6	2	"	"	4-5		29.74	65	63	62	62	"	Cir. Nimb	5	"	
11	5	2	"	"	3-4		29.78	64	62	60	62	"	"	3	"	
Noon.	7	5	"	E.	4-6		29.75	64	62	60	62	"	"	2	"	

S 45-00 W 63-01

Distance run by Log since preceding Noon	96 knots 3 tenths ~~fathoms~~.
Latitude by D. R. at Noon	S 45° 27' 38"
Longitude by D. R. at Noon	W 63 ° 17 ' 14 "
Latitude by Observation at Noon ⊙	S 45° 23' 38"
Longitude by Chronometer from Forenoon Observations ⊙	W 63 ° 14 ' 15"
Current during the time knots fms. per hour setting to the	
Variation of the Compass by Amplitude ⊙ observed at Sunrise	° ' "
Variation of the Compass by Azimuth ⊙ observed at 8 A.M. S 45-00 W 63-1	E 16 ° 25"
Water expended during the preceding 24 hours	300 gallons.
Water during the preceding 24 hours	"
Water remaining on hand fit for use at Noon	10000 "
Coal consumed during the preceding 24 hours	tons lbs.
Coal remaining on hand at Noon	" "

Sq. No. 5-61

P. M.																
1	6	5	S. ½ W.	E. N. E.	4		29.75	64	63	62	61	b. c. z.	Cir. Str.	6	M.	
2	6	0	"	"	5		29.72	64	63	62	61	"	"	7	"	
3	6	2	"	N. E.	4-5		29.70	64	63	62	61	b. c.	"	7	"	
4	5	4	"	N. N. E.	4		29.70	64	63	62	61	"	"	7	"	Hauled down jib and
5	4	5	"	N.	3-4		29.68	65	62	62	60	"	"	6	"	F. T. staysail.
6	3	5	"	"	3		29.67	65	63	63	60	"	"	6	"	Took in mainsail,
7	4	4	"	"	3		29.64	64	63	63	60	"	"	7	"	spanker and F. topsail-
#8	2	2	"	"	1		29.66	67	63	63	60	"	"	7	"	furled royals, single
9	1	4	S.	E. N. E.	1		29.65	66	61	60	60	"	Cir. Nimb	3	"	reefed topsails.
10	3	2	"	N. E.	2		29.65	66	61	60	60	b. c. m.	Nimb.	1	"	
11	3	4	"	N.	2		29.65	66	61	60	60	"	"	2	"	
Mid.	2	8	"	"	2		29.65	66	61	60	60	"	"	3	"	

S 45-57 W 63-34

Longitude by Chronometer from Afternoon Observations ⊙	° ' "
Longitude by Chronometer from Observations *	° ' "
Variation of the Compass by Amplitude ⊙ observed at Sunset	° ' "
Variation of the Compass by at	° ' "

under the command of Commander H. S. Schley, U. S. Navy,

Friday, January 24th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mid. to 4 AM. Overcast and misty with rain to windward first two hours of watch. Clearing up last two. Fresh breeze from E. by S., moderating at end of watch. Moderate sea. Long swell from S.E. & E. Bar. unsteady. Steering S. ½ W. under double reefed topsails, single reefed courses and F. S. staysail

L. P. Jewett
Master

4. to 8 AM.: Cloudy and pleasant. Stiff breeze from E. by S. veering to E. by N. Long swell from S.E. Grass Bar. rising at 5.00 Shook one reef out of topsails, and set jib and spanker. At 7.30 set T. G. sails.

C. K. Curtis
Lieut.

8 AM. to Merid. Cloudy but pleasant weather. Gentle to fresh breeze from E. by N. to E. Bar. falling last hour. Long swell from E.S.E. At 8.15 shook one reef out of the topsails, and set gaff topsail. At 10. set royals and flying jib. Steering on the course S. ½ W.

C. B. T. Moore
Ensign

Merid. to 4 PM. Clear and pleasant. Moderate to stiff breeze from E.N.E. to N.N.E. Moderate sea. Bar. falling. At 1 luffed up, and got a cast of the deep sea lead, at 55 fms. on white sandy bottom. At 1.20 started fires under two boilers, for distilling. At 3.40 hauled down flying jib, and furled topmast staysail. Steering course.

L. P. Jewett
Master

4. to 6. PM. Clear and pleasant. with moderate breeze from N. Moderating in force at end of watch. Moderate sea. Bar. falling. At 4.20 commenced distilling. At 4.45 took in mainsail, spanker and gaff topsail; the wind having veered, and squared away. Steering S. ½ W.

Chas. C. Lemly
Master

6. to 8. PM. Cloudy and pleasant. Gentle breeze from N. falling to light airs last hour. At 6.25 mustered at quarters. At 7.20 furled royals, and took single reef in topsails. Long swell from N.E. On course S. ½ W.

C. B. T. Moore
Ensign

8 PM. to Mid. Damp. Cloudy, and at times overcast. Light breeze from E.N.E. veering to N. Bar. steady. Long swell from N.E. & E. At 8.15 changed course to S. Steering the course. Wind free.

L. P. Jewett
Master

Moon's phase 2nd 12h 0m S 6°

Examined and found to be correct.

C. K. Curtis
Lieutenant

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

At Sea, Making passage from Montevideo to Falkland Islands.

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	2	2	S.	N.	2		29.65	66	61	60	60	c.z.w.	Str.	0	S.	Jib & T. sail, single reefed
2	3	0	"	N.N.E.	3		29.60	66	61	60	60	b.z.w.	"	2	"	M. sail, to T.G. sails
3	4	6	"	N.	4		29.58	66	61	60	60	o.f.c.w.l.	"	0	"	
4	4	0	"	N.N.W.	3		29.60	66	61	60	60	o.c.f.w.	"	0	"	
5	2	8	"	N. by W.	2		29.58	66	62	62	60	"	None	0	"	
6	1	8	"	N.N.W.	1-2		29.59	66	62	62	60	"	"	0	"	
7	No	steerage way		light var. airs	0-1		29.59	66	62	62	60	"	"	0	"	
8		"	"		0-1		29.60	65	62	62	60	"	"	0	"	
9		"	"	Calm	0		29.61	66	62	62	60	o.f.	Cum. Nimb	0	"	
10	1	0	N.E.	E.S.E.	1		29.62	66	62	62	60	"	"	0	"	Shook one reef out of T.G. sails
11	1	3	E by N.	S.E. by S.	1		29.60	64	61	60	60	"	"	0	"	Set M. sail and T.T.
Noon.	1	4	E.N.E.	S.E.	1		29.58	64	61	60	60	"	"	0	"	Staysail.

Distance run by Log since preceding Noon — 72 knots 4 tenths fathoms

Latitude by D. R. at Noon — S 46 ° 26' 50"

Longitude by D. R. at Noon — W 63 ° 42' 31"

Latitude by Observation at Noon ⊙ — S 46 ° 31' 16"

Longitude by Chronometer from Forenoon Observations ⊙ — ° ' "

Sq. No 5-61

Current during the time knots fms. (Guths) per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at — ° ' "

Water expended during the preceding 24 hours — 300 gallons.

Water Condensed during the preceding 24 hours — 700 "

Water remaining on hand fit for use at Noon — 1400 "

Coal consumed during the preceding 24 hours — tons lbs.

Coal remaining on hand at Noon — " "

P. M.																
1	1	0	S.	E by S.	1		29.60	64	60	60	60	o.c.f.	Nim	0	S.	Set royals and fly. jib.
2		5	S.E.	Var.	0-1		29.64	64	60	60	60	o.c.d.t.	"	0	"	Hauled up M. sail
3	1	5	E by N.	S by E.	1-2		29.64	64	60	60	60	o.c.d.	"	0	"	
4	1	6	N.E. by E.	S.E.	2		29.53	63	60	60	60	o.c.f.t.	"	0	"	Took in gaff staysail and T.G. sails
5	2	7	S.		4-6		29.53	63	60	60	60	o.c.z.w.g.	Nim. Cum	0	"	Set topgallant sail.
6	1	5	S.W. ¼ W.	"												
7	3	6	E.N.E.	"	4		29.57	63	60	60	60	o.g.w.	"	0	"	
8	2	4	N.E. by E. ½ E.	"	5	½	29.53	63	59	59	60	"	"	0	"	
9		0	N.E. by E.	S.E. by E.	4	½	29.53	63	59	59	60	"	"	0	"	
10	1	4	S.	E.S.E.	4		29.56	63	59	59	60	o.g.	"	0	"	
11	1	2	S. by E.	E by S.	4		29.56	63	59	59	60	"	"	0	"	Hauled down jib.
Mid.	1	0	S. ½ E.	"	4		29.54	63	59	59	60	"	"	0	"	
	1	2	S.	E.S.E.	4		29.52	63	59	59	60	"	"	0	"	Hauled up M. sail.

Longitude by Chronometer from Afternoon Observations ⊙ — W 63 ° 44' 22"

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by at — ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Saturday, January 25th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mid. to 4 AM. Overcast, cloudy and damp throughout. Hazy first three hours, and thick fog last hour. Light to moderate breeze from N.N.E. to N.N.W. Bar. unsteady. Sea smooth. Distilling with 25 lbs. steam in two boilers. Steering course.

Saml. Leyden
Ensign

4. to 8. AM. Overcast, with thick fog. Very damp. Light breeze from N.E. & N.N.E. first two hours. At 6.15 wind shifted to E.N.E. and trade & sharp up on starboard tack. Light variable from E. remainder of watch. No steerage way last two hours. Steering E. first two. Sea smooth. Bar. rising.

Le. K. Lewis
Lieut.

8. AM. to Merid. Overcast. Foggy. Calm to light variable airs from E.S.E. to S.E. by S. At 10 turned over spout of topsails. At 10.15 got cast of deep sea lead. No bottom at 49 fms. At 10.23 set mainsail, at 10.53 set F. J. staysail. Released John Delmon (O.S.) from confinement. by order of Cmdg. Officer. At 12. wore ship. Full and by.

E. P. Jewett
Master

Merid. to 4 PM. Cloudy and passing showers. Thunder to S.E. Long swell from E.N.E. Changed course to S.S.E. At 1.10 set royals and fly. jib, and gaff topsail at 1.30. At 1.40 up mainsail, and 1.50 braced round, on stbd. tack and set mainsail. At 3.25 took in royals and flying jib. Fires banked under two boilers At 4. pres. 25 lbs. Distilling.

Saml. Leyden
Ensign

4. to 6. PM. Overcast, damp and squally. Moderate to fresh breeze from S.E. Smooth sea. Bar. falling. At 4.10 wore ship to S. Took in J.G. sail and G. topsails. At 4.45 set J.G. sails. At 5.20 wore ship to E.N.E. Steering by the wind.

C. B. T. Moore
Ensign

From 6. to 8. PM. Overcast, hazy and very damp. Moderate breeze from S.E. Smooth sea. Bar. steady. At 6.30 went to quarters, after called all hands, hauled J.G. sail took two reefs in topsails, and one reef in foresail. Sent down Royal yards. Hauled down jib and set F.J. Staysail

E. P. Jewett
Master

From 8. PM. to Mid. Overcast, hazy and very damp. Moderate breeze from E.S.E. to E. by S. At 8.30 wore ship. At 9.15 hauled down jib. At 11. hauled up M. sail. Bbr. falling 29.52. Distilling. Full and by

Saml. Leyden
Ensign

Mean of the [illegible] Dec 5°

Examined and found to be correct.

Le. K. Lewis
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

At Sea. Making a passage from Montevideo, to Falkland Islands.

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	1	5	S by E.	E.	3		29.48	60	58	58	60	o. c. w.	Nimb.	0	S.	Double reefed topsail
2	1	5	"	"	3		29.45	64	58	58	60	"	"	0	"	F. T. Staysail and
3	1	4	S.	"	1-2		29.44	64	58	58	60	o. c. f.	"	0	"	Spanker, Single reefed
4	No steerage way			Calm	0		29.44	64	58	58	60	"	"	0	"	foresail.
5	"		" "	"	0		29.40	64	58	58	60	o. f. w.	—	0	"	
6	"		" "	S. E.	1		29.36	64	58	58	60	"	—	0	"	
7	1	5	S. W.	"	2-3		29.38	63	59	59	60	"	—	0	"	
8	1	0	W. S. W.	S. by W.	4		29.38	63	59	59	60	"	—	0	"	Set Main and spanker. Shook
9	3	0	W. by S.	"	4		29.36	62	59	58	60	o. m.	Nimb	0	"	reefs out of topsails
10	2	0	W. S. W.	S.	4		29.35	62	58	58	60	"	"	0	"	
11	3	2	W. S. W 1/2 W.	S. by E.	4		29.34	62	58	57	60	"	Cum Nimb	0	"	
Noon.	2	5	E S. E.	"	4		29.33	61	57	58	60	"	"	0	"	

Distance run by Log since preceding Noon — 36 knots 5 Tenths ~~fathoms~~.

Latitude by D. R. at Noon — S 46 ° 42' 40"

Longitude by D. R. at Noon — W° 63 ° 53' 34"

Latitude by Observation at Noon ⊙ — ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ — ° ' "

Lg W Current during the time knots fms. per hour setting to the

5 1/2 61 Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at — ° ' "

Water expended during the preceding 24 hours — 300 gallons.

Water Condensed during the preceding 24 hours — 1000 "

Water remaining on hand fit for use at Noon — 2100 "

Coal consumed during the preceding 24 hours — tons lbs.

Coal remaining on hand at Noon — " "

P. M.															
1	2	8	E.	S. E.	5	29.32	61	58	58	60	o. m.	Cum Nimb	0	M.	
2	2 1/2	5	E. 1/2 S.	"	6	29.31	61	58	57	60	"	"	0	"	Took two reefs in topsail
3	6	6	"	"	6	29.29	61	58	56	60	"	4	0	"	Hauled to. Sails. Set
4	7	0	"	"	6	29.32	61	58	56	60	"	"	0	"	M. trysail.
5	7	5	"	"	6-7	29.30	60	58	58	60	o. c.	7 "	0	"	
6	7	7	"	"	7	29.25	60	58	58	60	"	Nimb.	0	"	Hauled down jib
7	7	2	"	S.	7	29.26	60	58	58	60	"	"	0	"	
# 8	6	5	"	"	7-8	29.25	60	58	58	60	o. c. w.	"	0	"	
9	3	7	"	"	7-8	29.24	60	58	58	60	"	"	0	"	
10	6	8	"	"	7-8	29.23	59	57	57	60	"	"	0	R.	
11	5	8	"	"	7-8	29.22	59	57	57	60	"	"	0	"	
Mid.	5	5	"	"	7-8	29.20	59	57	57	60	"	"	6	"	

S 42-20
W 63-12

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by at — ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Sunday, January 26th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mid. to 4 AM. Overcast, cloudy and damp. For the last two hours, light to gentle breeze from East. Bar. falling. Smooth sea. Took in spanker at 3.55.

C. B. T. Moore
Ensign.

4. to 8 AM. Overcast, foggy, damp and misty. Calm first hour. Light airs from S.E. to gentle breeze S by W. last three hours. Smooth sea. Bar. steady, after first hour of watch. Smooth sea. At 4.30 close reefed topsails, and furled mainsail. Distilling, with 25 lbs. steam in two boilers. Steering by the wind.

L. P. Jarrett
Master

8 AM. to Merid. Overcast and misty, with moderate breeze from S by W. to S by E. Smooth sea. Bar. falling. 29.03 at noon. At 8.10 set mainsail, spanker and shook one reef out of topsails. At 9.20 got a cast of the lead: bottom at 12 fms. gray sand with black specks. At 9.35 inspected and mustered at quarters. Called all hands to muster, and Cmdg. Officer read prayers. At 10.15 shook reef out of M. sail, and hoisted the jib. At 11.05 tacked ship, heading E.S.E. on stbd. tack. At 11.45 took in and furled mainsail. Close hauled on stbd tack heading E.S.E. under topsails, single reefed foresail, spanker, jib and F.T. staysail.

Jam. C. Cooley
Ensign

Merid. to 4 PM. Overcast, disagreeable and threatening. Stiff to fresh breeze from S by E. At 12.10 started fires. At 12.35 sent down T.G. yards. At 1.30 took two separate reefs in topsails. At 1.50 furled foresail and topsails. At 1.55 set M. topsail. At 1.55 coupled propeller and started ahead with steam, under six boilers. Moderate sea, latter part. Heavy sea from S.E. Av. st. pres. 55 lbs. Av. rev. 46.

C. B. T. Moore
Ensign

4. to 6. PM. Overcast and cloudy. Cum. & Nimb. clouds. Fresh to very fresh breeze from S by E. Av. st. pres. 60 lbs. Rev. 51.

L. P. Jarrett
Master

6. to 8. PM. Overcast, cloudy and threatening weather. Blowing very fresh breeze to moderate gale from S. Wind a little puffy. Moderate sea. Bar. steady. Mustered at quarters at 6.30. Steam in 6 boilers. Av. st. pres. 60 lbs. 57 Rev. Steering the course.

Jam. C. Cooley
Ensign

8 PM. to Mid. Overcast and misty. Moderate gale from South. Rough sea. Bar. falling. At 9.30 hauled down T.J. staysail, and set F. Whm staysail. Fires under 6 boilers. Av. st. pres. 55 lbs. Rev. 45.

C. B. T. Moore
Ensign

Examined and found to be correct.

[illegible]
Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

At Sea, Making passage from Monte Video, to Falkland Islands

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	5	5	S.S.E. ½ E.	S.	7		29.20	59	56	56	60	[illegible]			R.	F. storm staysail
2	3	8	"	S. by W.	6		29.20	59	56	57	60				"	M. Trysail & Spanker.
3	3	0	"	"	6		29.18	59	56	57	60			0	"	
4	4		"	"	6		29.19	57	56	57	60			0	"	
5	3	8	"	"	6-7		29.18	57	54	57	56	O.C.Q.		0	"	
6	4	0	"	"	6-8		29.18	56	54	57	56	"	Cum Nims	0	"	
7	4½	0	"	S.	6-8		29.20	56	54	57	56	"	"	0	"	
#8		4	N.	"	6-8		29.20	56	54	57	56	"	"	0	"	Set close reef M. T. sl. Hauled F. St. staysail
#9	4		S.E. by E.	S. S.W.	8		29.19	56	54	57	56	O.C.	"	0	"	and set Storm Trysail
10	4		S.E.	"	8-9		29.23	60	54	57	56	"	"	0	"	
11			"	"	8-9		29.25	62	54	57	56	"	"	0	"	
Noon.			"	"	9		29.23	59	54	53	56	"	"	0	"	

Distance run by Log since preceding Noon — 80 knots 3 tenths ~~fathoms~~.

Latitude by D. R. at Noon — S 48 ° 2 ' 38 "

Longitude by D. R. at Noon — W 62 ° 22 ' 34 "

Latitude by Observation at Noon ⊙ — S 47 ° 32 ' 13 "

Longitude by Chronometer from Forenoon Observations ⊙ — W 62 ° 19 ' 15 "

Current during the time — knots 7 tenths ~~fms.~~ per hour setting to the N ¼ E

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at — ° ' "

Water expended during the preceding 24 hours — 300 gallons.

Water Condensed during the preceding 24 hours — 200 "

Water remaining on hand fit for use at Noon — 2000 "

Coal consumed during the preceding 24 hours — tons lbs.

Coal remaining on hand at Noon — " "

P. M.																
1				S.W. by S.	8		29.23	58	53	51	56	b.e.q.	Cir. Cum. Str.	2	R.	
2	1	8	S.S.E. to S.E.	"	8		29.23	58	53	52	56	"	"	2	"	
3	1	5	"	"	6-8		29.26	57	53	52	56	"	"	4	"	
4	1	8	"	"	8		29.27	62	54	52	56	"	"	6	"	Shook one reef out of
5	2	0	S.E.	"	7	2	29.28	66	53	52	55	"	"	9	"	Fore'l, took in Storm trysail
6	1	8	"	"	6	2	29.32	66	53	52	55	"	Cir. Cum	9	"	Set F. Storm Staysail
7	2	0	S.E. by E.	S. S. W.	5-6	2	29.33	65	53	52	55	"	"	9	"	Shook one reef out of Trysail & Hauled down F. Storm Staysail
#8	3	0	S.E. ½ E.	"	5-6	2	29.34	63	53	52	55	"	Cum Nims	8	"	
9	2	7	S.E.	S. W. by S.	4-5	1	29.36	65	52	51	55	"	Nimb & Str	7	"	
10	2	5	S.E. by S.	S. W.	4	½	29.37	66	52	51	55	"	"	5	"	Shook reef out of
11	1	8	"	S.W. by W.	2-3	1	29.37	64	52	51	55	"	"	6	"	foresail
Mid.	1	8	"	"	2-3	1	29.37	62	52	51	55	"	"	7	"	

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by at — ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Monday, January 27th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Overcast. Disagreeable. Fresh to very fresh breezes & blowing puffs from S. to S. by W. On course S.E ½ E. Hauled off from S.E. Rough sea. Ad. st. pres. 55 lbs. Ad. bel. 20. Bar. steady 29.19

S. F. Jewett
Master

4 to 8. AM. Overcast and cloudy. Fresh breezes to moderate gale from S by W. hauling to S. blowing in squalls. Steering course S.E ½ E. until 7.40, when close reefed main topsail, and set Fist. Banked fires and lay to. Heavy swell from S. Bar. rising 29.20 at 8 o'clock. Ad. st. pres. 50 lbs. Ad. vel. 38.

S. K. Lewis
Lieut

8 AM. to Mid. Overcast and cloudy, blowing a moderate to strong gale from S. S. W. Lying to, heading about S.E. Rough sea. Bar. unsteady. At 8.15 set Storm mizzen. Hauled down fore storm staysail. Rolling heavily. Banked fires under six boilers. Ad. st. pres. 40. Ds. Distilling.

C. B. T. Moore
Ensign

Mid. to 4 P.M. Partly overcast, first of watch, but clearing clearing up all the time. Moderate gale from S.W. by S. Sea on beam. Ship rolling heavily at times. At 12.10 set close reefed fore topsail and foresail and hoisted F. T. staysail. At 12.25 stopped distilling. Lying to, heading between S.E & S.S.E. Bar. rising. 29.27 at 4 P.M.

L. P. Jewett
Master Engineer

From 4 to 6 P.M. Clear cool and pleasant. Fresh to very fresh breeze from S.W. by S. blowing in puffs. At 4.05 shook out reef out of foresail. Hauled in storm mizzen. Set Spanker. At 4.20 set F. storm staysail. Rough sea. Light cloud from N.E. & N.W. Fires banked six boilers. Ad. pres. 25. Distilling. Rolling occasionally from 25° to 30°

Saml. Leutze
Master

6 to 8 P.M. Clear and cool. ~~Stiff~~ fresh breeze from S.S.W. blowing in puffs. Bar. rising. At 6.00 shook reef out of topsails. Steady with from S.E. At 7.40 hauled down F. storm staysail, and hoisted jib. Distilling. Banked fires under 6 boilers

C. B. T. Moore
Ensign

8 P.M. to Mid. Cloudy and cool. Stiff to light breeze from S.W. by S. to S.W. by W. Bar. steady. Rough sea. Rolling heavily at times. Steering by the wind, for 1st hour. Steering the course, next three hours. At 9.10 shook reef out of foresail. Banked fires under six boilers. 25 lbs. steam. Distilling.

L. P. Jewett
Master Engineer

Amount of Chase 2m 1st W. dec 9° N

Examined and found to be correct.

C. K. Lewis
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

Making passage from Monte Video, to Falkland Islands.

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																Double reefed topsails Spanker, Jib & F. S.
1	1	5	S.E. by S.	S.W.	1-2		29.376	2	52	50	50	b.c.l	Nimb. Cir. Cum.	1	L.	Staysail & M. trysail.
2	2	0	"		3		29.376	0	51	50	52	"	"	3	"	
3	2	2	"	S.W. by S.	1-3		29.356	0	51	50	54	o.c.p.	Cum. Nimb	0	"	
4	2	3	"	"	3		29.339	0	49	48	54	"	"	0	"	
5	1	0	"	S.W.	2		29.38	59	49	48	54	o. p.	"	0	"	Furled fore sail, fore and Main topsails
6	1	5	"	S. by W.	2		29.40	59	49	49	54	o	"	0	"	
7	7	2	S.E. & S.	"	2		29.35	58	48	49	54	o. p.	"	0	"	
#8	8	5	"	"	3		29.35	57	49	48	54	b.c.	"	2	"	
9	8	6	"	S.W. by S.	4		29.30	56	50	49	54	"	"	7	"	Set foresail, shook two reefs out of the topsails
10	8	2	"	"	4-6		29.35	55	50	49	54	"	Cum.	5	"	
11	8	2	"	"	4-5		29.35	55	50	49	54	"	"	8	"	
Noon.	7	2	S.E. ½ S.	S.W.	5		29.35	55	50	49	54	"	"	8	"	

S 48-35
W 61-14

Distance run by Log since preceding Noon 83 knots ~~fathoms~~.

Latitude by D. R. at Noon S 48 ° 37 ' 55 "

Longitude by D. R. at Noon W 61 ° 16 ' 15 "

Latitude by Observation at Noon ⊙ S 48 ° 26 ' 39 ".

Longitude by Chronometer from Forenoon Observations ⊙ W 60 ° 55 ' 10 "

Lg W 5-61

Current during the time knots .7 tens. per hour setting to the N E ½ E

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours 300 gallons.

Water during the preceding 24 hours 200 "

Water remaining on hand fit for use at Noon 2100 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.															
1	8	8	S.E. ½ S.	S.W.	5	29.355	50	48	51	b.c.	Cum.	8	M.		
2	8	8	"	S.W. by S.	5	29.335	50	48	51	b.c.q.	Cir. Cum. Nimb	4	"	Shook reef out of Topsails	
3	9	0	"	S.W.	5	29.325	50	49	51	b.c.	Cir. Strat Nimb	7	"	and set J.S. sail	
4	9	2	"	"	5	29.305	50	49	51	"	"	8	"	Took in J.S. Sails	
5	9	2	"	S.W. by S.	4-5	29.305	49	48	51	b.c.q.	"	2	S.	and took two reefs	
6	9	2	"	"	4-5	29.30	49	48	51	"	"	2	"	topsails and foresail	
7	8	4	"	"	4	29.30	48	48	51	b.c.q.p.	"	2	S.		
#8	8	5	"	"	4	29.28	48	48	51	b.c.p.q.	"	2	"		
9	7	5	S.E.	S.S.W.	5	29.28	49	48	51	b.c.	Cir. Nimb	6	"		
10	9	0	"	"	5	29.28	48	48	51	"	"	8	"		
11	8	5	"	"	5	29.28	56	48	48	50	"	"	9	"	
Mid.	8	5	"	"	5	29.28	56	48	48	50	"	"	8	"	

S 50-00 W 46 000
Lg W 5-48

S 49-32
W 60-14

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Tuesday, January 28th, 1879

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mid. to 4 AM. Partly clear first part. Overcast with passing showers - Lightning Long swell from S'd W. Bar. Cy 95- at 4. Fires banked under six boilers.

Saml Smith Ensign

4. to 8 AM. Overcast, cloudy and cool - Occasional passing rain. Light to gentle breeze from S by W. At 5.20 spread fires, At 6.00 furled all square sail - At 6.05 - Unshipped propellar and started ahead with steam, under six boilers. At 6.00 changed course to S. E ½ S. Av. rev. 58. Av. st. pres. 60 lbs. Long swell from S'd & E'd.

L. R. Lewis
Lieut

8 AM. to Merid. Clear cool, and pleasant. Moderate to fresh breeze from S. W by S. Long swell from S'd & W'd. Bar. steady - At 8. 20 set foresail - At 10 shook one reef out of the topsails, and at 11.05 - shook out another reef - Steering course S. E ½ S. Av. st. pres. 62 lbs. Av. rev. 50. At 12 changed course to S. E. ½ S. At 9.15 - mustered at quarters.

E. P. Jewett
Master

Merid to 4 PM. Clear and cool - Stiff breeze from S.W. and S.W by S. Moderate sea. Bar. falling - Steering the course - At 1.10 Crossed T. G. yards. Shook reefs out of topsails, and set T. G. sails. Slushed spars. Loosed storm sails to dry. Steam in six boilers Av. st. 55 lbs. Av. rev. 51.

Saml Smith
Ensign

4. to 6 PM. Clear and cool, but pleasant, with moderate to stiff breeze and passing rain showers from S.W by S. Bar. steady at 29.20. Smooth sea. At 4.45 - took in and furled T. G. sails. Fires Under six boilers - 57 Rev. Av. st. pres. 60 lbs.

L. B. J. Moore
Ensign

6 to 8 PM. Cloudy and pleasant. Moderate breeze from S.W. by S. Occasional light rain squalls. At 6.10 wind suddenly veered to South - Called all hands took two reefs in topsails and furled all square sail - At 6.20 mustered at quarters Long swell from S'd & W'd Remarked a very clear double rainbow to N'd & E'd Av. rev. 52.5 - St. 60 lbs.

E. P. Jewett
Master

8 PM. to Mid. Clear and cool. Fresh breeze from S.S.W. Bar. steady. Long swell from S'd & W'd. Ship rolling heavily. At 8.10 changed course to S.E. Steering the course Av. st. pres. 55 lbs. Av. rev. 52.

Saml Smith
Ensign.

Moons phase 2nd 1st Qr due N 14°

Examined and found to be correct.

L. R. Lewis
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

At Sea, and Off Port Stanley, Falkland Island.

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	8	2	S.E.	S.	4		29.26	55	48	48	50	b.c	Nimb	5	S.	
2	8	5	"	"	4-5		29.21	54	48	48	50	b.c.q.		7	"	
3	8	7	"	"	5		29.21	54	48	48	50	b.c.	air "str" Nimb. Cum	3	"	
4	6	8	"	"	5		29.24	54	48	48	50	b.c.	"	0	"	
5	7	6	"	"	5		29.19	52	46	46	50	b.c.q.	"	0	"	
6	8	4	"	"	5		29.19	51	46	46	51	b.c.p.q.	"	0	"	
7	7	8	"	"	5-7		29.17	50	46	46	51	"	"	0	"	
8	7	8	"	"	6		29.15	51	43	43	50	b.c.q.	"	0	"	
9	8	2	"	S.S.W	6		29.13	57	42	42	50	b.c.	"	0	W.	Set foresail and jib - Hauled down F.J. staysail
10	6	6	"	S.W.	6		29.11	60	43	43	50	"	"	2	"	Set T'gallants.
11	10	4	"	"	6-8		29.08	60	42	42	50	b.c.p.q.	"	2	S.	Hauled down and furled F. sail T'gls.
Noon.	7	5	"	"	6-7		29.03	56	42	42	50	"	"	2	"	Set F.J. staysail.

S 50-52
W 53-02

Distance run by Log since preceding Noon	169 knots	2 ~~fathoms~~ tenths.
Latitude by D. R. at Noon	°	′ ″
Longitude by D. R. at Noon	°	′ ″
Latitude by Observation at Noon ⊙	°	′ ″
Longitude by Chronometer from Forenoon Observations ⊙	°	′ ″
Lg Av Current during the time knots fms. per hour setting to the		
5-48 Variation of the Compass by Amplitude ⊙ observed at Sunrise	°	′ ″
Variation of the Compass by Azimuth ⊙ observed at	°	′ ″
Water expended during the preceding 24 hours	300	gallons.
Water during the preceding 24 hours		"
Water remaining on hand fit for use at Noon	1800	"
Coal consumed during the preceding 24 hours	tons	lbs.
Coal remaining on hand at Noon	"	"

P. M.																
		Steaming into														
1	8	Port Stanley under	S.W.	5	28.95	53	42	42	50	b.c.	Cir. Str. Nimb Cum.	3	D.	
2		Comdg. Officer	"	4-6	28.96	53	43	43	50	b.c.q.p.	Cum Nimb	2	"	
3		Steaming at	"	4-6	28.93	53	43	43		"	"	2	"	
4		Charge of Pilot	"	4-6	28.93	53	44	43		o.c.z.p.	Nimb	0	"	
5		At Anchor	S.	S. by W.	3-5	28.91	56	44	44	o.c.q.r.s.	"	0	"	
6		S.	S.S.W.	"	4-6	28.90	56	43	43	"	"	0	"	
7		S.S.W.	"	S.S.W.	4-7	28.88	57	42	40	"	"	0	"	
8		"	"	"	4-7	28.87	58	44	44	o.c.d.q.	"	0	"	
9		"	"	"	4-7	28.85	58	44	44	"	"	0	"	
10		"	"	"	6-7	28.83	58	44	44	"	"	0	"	
11		"	"	"	6-7	28.83	56	44	44	"	"	0	"	
Mid.		"	"	"	6-7	28.83	55	44	44	"	"	0	"	

Longitude by Chronometer from Afternoon Observations ⊙	°	′ ″
Longitude by Chronometer from Observations *	°	′ ″
Variation of the Compass by Amplitude ⊙ observed at Sunset	°	′ ″
Variation of the Compass by at	°	′ ″

under the command of Commander H. S. Schley, U. S. Navy,

Wednesday, January 29th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mid. to 4 AM. Partly overcast and cool. Moderate to stiff breeze from South. Smooth sea. Moderate swell from S.W. Bar. falling first hour of watch. Steady last three. Steering the course. At 3.30 got a cast of the lead in 75 fms. water, gray sand bottom.

C. B. T. Moore
Ensign

4 to 8. AM. Overcast cool and squally, with passing rain showers. Stiff to very fresh breeze from S. Smooth sea. Bar. falling. At 4.10 sent down T.G. Yards. At 5.20 hauled down jib and set F. sail staysail. At 7.15 Land reported 2 pts. on ~~port~~ bow. Fires under 6 boilers Rev. 52. Av. st. pres. 60 lbs.

L. K. Lewis
Lieut.

8 AM. to Merid. Cloudy, cold and pleasant. Fresh breeze from S.S.W. to S.W. At 8.55 hauled down F. sail staysail, set jib and foresail. At 9.45 set topsails. At 10.15 hauled down jib and received a heavy squall with light rain from S.W. At 11.15 called all hands and furled all square sail. Set F. sail staysail. During last two hours, two stiff squalls from S.W. passed over. Standing along under the lee of ~~S~~ East Falkland Island. Bar. falling considerably. Av. Rev 52 Av. st. 60.

James Sigsbee
Ensign

Mid. to 4 P.M. Cloudy, cold and disagreeable, with passing showers of rain and sleet. Moderate to fresh breeze from S by W. to S.W. blowing in squalls. Standing into Port Stanley under charge of Comdg. Officer, until the Pilot came on board at 2.40. Furled fore and aft sails. At 2.10 came to anchor in Port Stanley at 3.30, with 1 bt. anchor in 4 ¾ fms. water veering to 45 fms. on 1 bt. chain. Bearings at anchor (p.c.) Signal Station S.S.W. East point of Cemetary S.E. by S.

C. B. T. Moore
Ensign

4. to 8 P.M. Overcast, cloudy, squally, sleety and raining. Gentle to very fresh breeze from S. by W. to S.S.W. Bar. falling. Smooth sea. At 4.45 sent an Officer on shore for the American Consul, who returned with him, and left again at 6.40. Rigged out all boats, except the Launch: took off all chafing gear. Shipped awning stanchions and ridge ropes: Got up awnings except poop awning. Shipped accommodation ladders. At 7.20 veered on 1 bt. chain ~~till the 45 fms.~~ until the 45 fms. shackle was at waters edge. At 4.30 hauled fires in 4 boilers, and struck on distilling with two.

James K. Oliver
Cadet Midshipman

8 P.M. to Mid. Overcast wet and disagreeable. Fresh to very fresh breeze from S.S.W. blowing in heavy squalls from S.S.W. Heavy rain, and cold. Bar. steady and 1 hrs 28.83. Distilling.

James C. Sigsbee
Ensign.

Moore & Lewis 2 in 12 hrs Up Rec N 18

Examined and found to be correct.

L. K. Lewis
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

Off Port Stanley, Falkland Islands

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1			S.E.	S. E.	3-6		28.905	5	42	42		b.o.p.q.	Nimb	7	S.	
2				"	3-6		28.935	3	43	43		"	"	4	"	
3			S by E.	S.S. E.	3-6		28.965	2	44	43		"	"	3	"	
4			"	S.	3-7		28.985	2	44	44		b.c.q.	"	3	"	
5				S. by E.	3-6		29.025	2	45	44		"	Cir + Nimb. Cum.	2	"	
6			S by W.	S.	3-6		29.035	2	46	44		o.c.q.	Nimb. Cum	0	"	
7			"	"	3-5		29.075	2	46	46		o.c.q.p.	"	0	"	
8				S. by W.	3-5		29.105	2	46	46		b.c.d.p.r.s	Cir. + Nimb. Cum.	2	"	
9			S.	"	3-5		29.115	7	46	46		"	"	2	"	
10			S. by W.	"	3-5		29.126	0	46	46		b.c.q.	"	2	"	
11				"	3-5		29.136	3	46	46		"	"	1	"	
Noon.			S.W. by S.	S.W. by S.	4-6		29.146	3	46	46		b.c.q.s.	"	1	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° ' "

Longitude by D. R. at Noon — ° ' "

Latitude by Observation at Noon ⊙ — ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ — ° ' "

Current during the time — knots — fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at — ° ' "

Water expended during the preceding 24 hours — 300 gallons.

Water ~~Consumed~~ during the preceding 24 hours — ~~300~~ "

Water remaining on hand fit for use at Noon — 1800 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " — "

P. M.																
1			S.S.W.	S.S.W.	4-6		29.156	5	45	45		b.c.q.h.	Cir. + Nimb. Cum.	1	S.	
2				"	4-6		29.186	6	45	45		b.c.q.p.	"	2	"	
3			S.W. by S.	S.W. by S.	4-6		29.206	7	46	46		"	"	2	"	
4			"	"	4-6		29.206	7	46	46		"	"	4	"	
5			S.	"	4-6		29.226	9	46	46		"	Nmb.	0	"	
6			S.S.W.	S. by W.	3-5		29.236	9	46	46		"	"	2	"	
7			"	S.	3-5		29.276	9	44	44		"	"	3	"	
8			"	"	3-5		29.276	9	44	44		b.c.q.	Cir + Cum. Nimb	2	"	
9			"	S. by W.	3-5		29.276	7	45	46		"	"	4	"	
10			S. by W.	"	2-5		29.296	7	45	46		"	"	2	"	
11			"	"	2-4		29.306	7	45	46		o.c.q.	"	0	"	
Mid.			S.	"	2		29.30	6	7	45	46	o.c.	"	8	"	

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by — at — ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Thursday, January 30th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM.

Cloudy and cool at times, clearing to bright starlight. Passing showers of rain. Wind gentle to my fresh, blowing in squalls fm S. to S.E. Bar. rising.

C. B. T. Moore
Ensign

4. to 8. AM.

Overcast, cloudy, cool and squally. Passing showers of rain and sleet last hour of watch. Gentle to fresh breeze fm S. by E. to S. by W. in squalls. Bar. rising. Smooth Sea.

James H. Oliver
Cadet Midshipman

8. AM. to Merid.

Overcast. Cloudy. Cool. Squally. Passing showers of rain and sleet, during watch Gentle to stiff breeze fm S. by W. and S.W. by S. Barometer rising slowly.

L. P. Jewett
Master

Merid. to 4. PM.

Cloudy and cool. Moderate to fresh breeze fm S.S.W. to S.W. by S. Frequent fresh squalls, and passing rain. Confined in double irons T. G. Roberts (O.S.) for being drunk on duty, to await action of Condg. Officer. Bar. rising. At 12. Condg. Officer, Lieut. Curtis, and Cadet Midshipman Oliver, left the ship to pay an official visit to Big Gunner.

Lieut.
Engineer

4. to 8. PM.

Cloudy and cool, with passing showers of rain. Wind gentle to fresh fm S. to S.W. by S. blowing in squalls. Bar. rising.

C. B. T. Moore
Ensign

8. P. M. to Mid.

Clear and cool two hours, ovr cast last two. Wind gentle stiff and in squalls fm S. by W. Bar. rising 29.30. Sea Smooth

L. P. Jewett
Master

Moons phase At First Qr. N. 22°

Examined and found to be correct.

Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

Off Port Stanley. Falkland Islands.

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1			S. W.	S. by W.	1		29.3	68	46	46		δ	Cum. Str.	6	D.	
2			S. S. W.	S. S. W.	1		29.32	69	46	46		"	"	0	"	
3			"	"	1		29.33	70	46	46		"	"	0	"	
4			S. W. by W.	S. W. by W.	1		29.33	70	47	46		"	"	0	"	
5			W. S. W.	W. S. W.	1		29.36	70	47	46		o. c.	Ar. & Cum. Nimb	0	"	
6			W. N. W.	"	1-2		29.40	70	46	46		b. c.	"	2	"	
7			W.	W.	2		29.40	70	46	46		o. c.	"	0	"	
8			N. E. by N.	W. N. W.	2		29.40	68	45	45		b. c.	Str. & Cum. Nimb	1	"	
9			N. N. W.	N. N. E.	1		29.37	68	45	45		"	Ar. & Nimb. Str.	2	"	
10			"	N. N. W.	2		29.38	68	45	45		o. c.	Nimb. Str.	0	"	
11			N. E. by N.	N. E.	1-2		29.38	69	48	48		"	"	0	"	
Noon.			N. by W	N.	1-2		29.39	69	47	47		"	"	0	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° ' "

Longitude by D. R. at Noon — ° ' "

Latitude by Observation at Noon ⊙ — ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ — ° ' "

Current during the time — knots — fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at — ° ' "

Water expended during the preceding 24 hours — 308 gallons.

Water — during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 1500 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " — "

P. M.																
1			N. W.	N. N. W.	1-2		29.39	69	48	48		o. c.	Nimb	0	D.	
2			"	"	2		29.40	70	48	48		"	"	0	"	
3			"	N. W.	2-3		29.40	71	48	48		"	"	0	"	
4			"	"	1-2		29.40	71	48	48		o. c. r.	"	0	"	
5			N. N. W.	N. N. W.	1-2		29.40	71	48	48		o. c. p.	"	0	"	
6			"	"	1-2		29.40	70	48	48		"	"	0	"	
7			"	"	2		29.40	69	46	46		"	"	0	"	
8			"	"	2		29.40	69	46	46		"	"	0	"	
9			N. W. by N.	N. W.	0-1		29.40	70	49	48		o. c.	"	0	"	
10			N. W.	"	1-2		29.39	68	49	48		o. c. d.	"	0	"	
11			W. N. W.	W. N. W.	1		29.38	67	49	49		"	"	0	"	
Mid.			"	"	1		29.38	67	49	49		o. c.	"	0	"	

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by — at — ° ' "

under the command of Commander H. A. Schley, U. S. Navy,

Friday, January 31st, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.

Overcast cool, and pleasant. Light airs from S. by W. to S.W. by W. Bar. rising. Light banked fires under two boilers for heating ship.

Edwd. Brady
Ensign

4. to 8 A.M.

Cloudy and cool. Overcast most of watch. Light breeze from W.S.W. to W.N.W. Bar. steady. Received fresh provisions for crew. The Italian man of war "Garibaldi" got underway at 8 o'clock

C. B. T. Moore
Ensign

8. A.M. to Merid.

Overcast and cool. Light airs to light breeze from N.E. to N. N.W. Bar. rising. Smooth sea. At 8.20 the Italian man of war "Garibaldi" passed out of the harbor. At 11.30 the Colonial Secretary came on board to pay an official visit to the Comdg. Officer, in return for the visit made yesterday to the Governor of the Falkland Islands.

C. K. Curtis
Lieut

Merid. to 4 P.M.

Cloudy and overcast with light rain last hour. Light to gentle breeze from N.W. Received in Engrs. Dept. 34 bags peat.

T. P. Jewett
Master

4. to 8 P.M. Overcast. Light passing rain. Light airs to light breeze from N.N.W. Received on board 66 bags of peat. Bar. steady 29-40.

Edwd. Brady
Ensign

8 P.M. to Mid.

Overcast with occasional drizzling rain. Bar. falling. Smooth sea. Light airs to light breeze from N.W. and W.N.W.

C. K. Curtis
Lieut

Noon place in 2d Cyc. Lat N. 25°

Examined and found to be correct.

C. K. Curtis
Lieut

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

Off Port Stanley, Falkland Island

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1			W N W.	N W.	0-1		29.41	63	49	49		b. c. f.	Nimb.	8	S	
2			W by N.	"	1		29.44	63	49	49		b. c.	Cir. Nimb	9	"	
3			"	"	1		29.41	60	49	49		"	"	8	"	
4			"	W.	1		29.41	58	49	49		"	Cum. Str.	9	"	
5			"	W. by N.	2		29.43	58	48	48		"	"	8	"	
6			"	"	2		29.44	61	48	48		"	"	8	"	
7			"	"	2		29.44	62	49	49		"	Cum. Str. Nimb.	8	"	
8			N. W.	N. W.	3		29.43	64	50	50		0	"	0	"	
9			N. by W.	N. by W.	2-3		29.43	66	50	50		b. c.	"	1	"	
10			N.	N.	3		29.39	66	50	50		"	"	3	"	
11			N by W.	"	3-5		29.35	66	57	57		b. c. p.	"	3	"	
Noon.			"	"	3-5		29.32	63	57	57		b. c.	"	4	"	

P. M.																
1			N N. W.	N N. W.	3-5		29.30	63	54	54		o. c. p. q.		0	S.	
2			N. W.	N W.	4-6		29.25	65	55	55		o. c. q.		0	"	
3			"	N W by N.	5-7		29.21	67	56	56		b. c. q.		3	"	
4			W N. W.	N. W.	3-4		29.20	68	56	56		b. c.		4	"	
5			N W by W.	N. W. by W.	3		29.19	70	57	57		"	Cum Cir. Strat	7	"	
6			W.	W by W.	3		29.18	71	57	57		"	Cir + Nim. Str.	1	"	
7			W N W.	"	3		29.18	72	56	56		"	"	1	"	
8			W by N.	W by N.	3		29.15	74	56	56		"	"	1	"	
9			W.	W N. W.	2-3		29.17	71	55	55		"	"	2	"	
10			"	"	3		29.18	72	54	54		"	"	4	"	
11			S. W. by W.	W. S. W.	3		29.18	72	54	54		"	"	6	"	
Mid.			W. S. W.	S. W.	3		29.18	71	53	53		"	"	4	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° ' "

Longitude by D. R. at Noon — ° ' "

Latitude by Observation at Noon ⊙ — ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ — ° ' "

Current during the time — knots — fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at — ° ' "

Water expended during the preceding 24 hours — 300 gallons.

Water Condensed during the preceding 24 hours — 300 "

Water remaining on hand fit for use at Noon — 1500 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " — "

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by — at — ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Saturday, February 1st, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mid. to 4 AM. Clear and cool, foggy, first part of first hour of watch. Light airs from N.W. to W. Bar. Steady.

L. P. Jewett
Master

4. to 8 AM. Clear and pleasant, last hour overcast. Light to gentle breeze from W by N. to N.W. Received 32 bags of peat. Bar. steady 30.43

Jno. L. Purdy
Assist Surgn.

8. AM. to Merid. Cloudy and cool, light rain showers at 10.20. Light to stiff breeze from N. to N by W. Dismounted No. 1 gun to repair axles. Bar falling 29.32 at noon.

C. B. T. Moore
Ensign

Merid to 4 PM. Overcast, cloudy and squally. Rain shower first hour. Gentle to very fresh & breeze, blowing in squalls from N.N.W. to N.W. Bar falling. Smooth sea. Board of Survey condemned 240 lbs. bread dust in Pay Dept.

Geo. K. Hemstreet
Lieut.

4. to 8 PM. Clear and pleasant. Gentle N'ly and Westerly breezes. Bar. steady.

L. P. Jewett
Master

8 PM. to Mid. Cloudy, pleasant weather. Light to gentle breeze from W.N.W. hauling to S.W. Bar. steady. 29 18 at 12.

C. B. T. Moore
Ensign

Moon's phase 2n 2d Qr. Lee N 26°

Examined and found to be correct.

Geo. K. Hemstreet
Lieut.

Navigator.

LOG of the UNITED STATES Steamer Essex., 2d Rate, 6 Guns,

Port Stanley, Falkland Islands

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1			W. S. W.	W. S. W.	1-2		29.19	66	57	57		bc.	Cir.	9	D.	
2			W.	W.	2-3		29.19	66	51	51		"	"	9	"	
3			W by S.	W by S.	2		29.19	63	50	50		"	"	9	"	
4			W. N. W.	W.	1		29.19	63	50	50		"	"	9	"	
5			W.	"	2		29.20	67	49	48		"	Str.	9	"	
6			W by N.	"	2		29.22	64	49	48		"	Cir. Str.	8	"	
7			W. N. W.	"	2-3		29.23	64	51	50		"	"	6	"	
8			"	W. N. W.	2-3		29.24	67	53	52		"	"	4	"	
9			"	"	2		29.25	67	53	54		"	"	6	"	
10			"	"	2		29.25	67	58	57		"	"	8	"	
11			"	"	2-3		29.25	69	59	58		"	"	8	"	
Noon.			W.	W.	2-3		29.25	67	61	59		"	"	4	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° ' "

Longitude by D. R. at Noon — ° ' "

Latitude by Observation at Noon ⊙ — ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ — ° ' "

Current during the time — knots — fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at — ° ' "

Water expended during the preceding 24 hours — 300 gallons.

Water — during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 1200 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon. — " — "

P. M.																
1			W. by S.	W. by S.	3-5		29.25	69	61	59		b. c. q.	Cir. Cum. Nimb	3	D.	
2			N. W. by W.	N. W. by W.	3-5		29.25	70	61	59		o. c. q. r.	Nimb	0	"	
3			W. by S.	W. by N.	3-4		29.26	70	58	53		b. c. q. p.	Cir. Cum. Nimb. Str.	2	"	
4			W.	"	3-4		29.26	70	59	56		b. c. p. l.		2	"	
5			W. N. W.	"	3		29.26	70	58	58		o. c.	Nimb	0	"	
6			W. by N.	"	3		29.27	71	58	56		"	"	0	"	
7			"	"	3		29.27	69	58	56		"	"	0	"	
8			S. S. E.	S. S. E.	0-2		29.27	68	58	56		o. c. p.	"	5	"	
9			W.	W.	1-2		29.27	65	55	55		b. c.	Cir. Str.	4	"	
10			"	"	1-2		29.27	65	55	53		"	"	6	"	
11			"	"	1-2		29.27	63	53	53		"	"	6	"	
Mid.			"	"	1-2		29.27	67	52	52		"	"	6	"	

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by — at — ° ' "

under the command of Commander W. D. Schley, U. S. Navy,

Sunday, February 2d, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mid. to 4 AM. Clear and cool. Light airs to gentle breeze from W. S. W. & W. Bar. steady. Smooth sea Bright starlight.

Ide. K. Lewis
Lieut.

4 to 8 AM. Clear and pleasant. Light to gentle breeze from W. to W. N. W. Smooth sea. Bar. rising 29 7/4. at 8 o'clock

L. P. Jouett
Master

8 AM. to Merid. Clear and pleasant. Light breeze with occasional stiff squalls from W. N. W. to W. At 9.30 Cmdr. Officers inspected ship and crew at quarters. At 10. held divine service the colonial chaplin Rev Mr. Brandyn officiating. Bar. steady 29.25. Light banked fires under two boilers for heating ship.

Lamb Schuyler
Ensign

Merid. to 4 PM. Clear and pleasant weather. Gentle to stiff breeze from W. by S. to N. W. by W. Blowing in puffs. Occasional showers of rain. Bar. rising slowly. Fires banked under two boilers

C. B. T. Moore
Ensign

4. to 8 PM. Overcast. Gentle breeze to light airs from W. to S. S. E. Smooth sea. Rain showers last hour of watch.

Ide. K. Lewis
Lieut.

8 PM. to Mid. Clear and pleasant first part of watch, wind suddenly hauled to W. and remained so during this watch. Bright moonlight.

Lamb Schuyler
Ensign.

Mean Noon Lat. 2d Cp. Obs. N 27°

Examined and found to be correct.

C. K. Lewis
Lieut.
Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

Port Stanley, Falkland Islands

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1			S. W.	S. W.	2		29.30	62	50	50		b.	—	10	S.	
2			W. N. W.	W.	1-2		29.31	61	49	49		"	—	10	"	
3			W.	"	2		29.32	61	48	48		b. c.	Cir. Str.	9	"	
4			W. by S.	"	2		29.33	60	48	48		"	"	9	"	
5			W. N. W.	"	0-1		29.33	68	48	48		"	"	9	"	
6			W by S.	"	1		29.36	61	48	48		"	"	8	"	
7			W by N.	"	2		29.37	64	52	50		"	"	7	"	
8			W.	"	2		29.37	64	55	57		"	"	4	"	
9			W by N.	W by N.	4		29.37	65	56	55		"	"	4	"	
10			W.	W.	3		29.37	66	57	56		"	Cir. Str.	1	"	
11			W. by N.	"	3		29.36	67	57	57		b. c.	"	0	"	
Noon.			N. W. by W	"	3		29.35	67	57	57		"	"	0	"	

Distance run by Log since preceding Noon ____ knots ____ fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time ____ knots ____ fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours ~~200~~ gallons.

Water received during the preceding 24 hours 1100 "

Water remaining on hand fit for use at Noon ~~2000~~ "

Coal consumed during the preceding 24 hours ____ tons ____ lbs.

Coal remaining on hand at Noon " "

P. M.																
1			N W.	N. W.	3		29.33	67	56	54		b.	Cum. Str. Nims	0	D.	
2			N.	N.	3-4		29.33	68	55	54		b. p. q.	"	0	"	
3			N N E.	N. N. E.	3		29.32	68	55	54		b.	"	0	"	
4			N N W.	N. N. W.	3-4		29.30	68	54	54		b. q. p.	"	0	"	
5			N by E.	"	3-5		29.23	67	54	54		b. c. q.	"	3	"	
6			N. by E.	North	3-5		29.18	66	53	53		b. p.	"	3	"	
7			"	"	3-5		29.15	66	53	53		"	"	2	"	
8			N W.	N. W.	3-5		29.11	66	53	53		"	"	2	"	
9			"	"	3		29.09	67	53	52		"	"	1	"	
10			W. N. W.	"	2		29.08	69	53	52		b. c.	Cir.	6	"	
11			"	W. N. W.	3-5		29.07	67	54	54		b. c. q.	Cir. Nims	0	"	
Mid.			"	"	4		29.04	62	54	54		b. c.	"	0	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by ____ at ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Monday, February 3 5/4, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Clear and pleasant. Bright starlight. Light breze from S.W. hauling to W. Bar. rising steadily 29 85 at 4 AM. Banked fires under two boilers.

C. B. T. Moore
Ensign

4. to 8 AM. Clear and pleasant. Light airs to light breezes from W. Smooth sea. Bar. rising slowly. Water boat came alongside at 7.15. ~~The Navigator went on shore to correct chronometers.~~

L. K. Lewis
Lieut.
~~Cadet Midshipman~~

8 AM. to Mid. Clear and pleasant first two hours. Overcast and cool last two, with gentle breezes from west. Bar. falling. Sea smooth. Recd. on board in Equipment Department 1100 gals. fresh water. Recd. a piece of timber in Con. Dept. While dismounting No. 2 gun, starboard side a pennant tackle parted, broke four of the deck planks. Fires banked under two boilers. Pres. 5 lbs.

L. P. Jouett
Master

Merid. to 4 P.M. Overcast and unpleasant. Gentle to moderate breezes from N. W. to N.N.E. Occasionally, moderate squalls with passing rain. Carpenters gang engaged in repairing deck. Bar. falling 29.30.

Lan. P. Lewis
Ensign

4. to 8 P.M. Clear and pleasant ~~weather~~. Gentle to ~~puffy~~ Stiff breeze from N. to N.W. blowing in squalls. Bar steadily falling 29.11 at 8 P.M.

C. B. T. Moore
Ensign

8. P.M. to Mid. Partly clear, with gentle to puffy breezes from N.W. to W.N.W. blowing in squalls part of the time. Bar. falling 29 04 at 12

L. P. Jouett

Mmm splan. In 2d Qr. Dec N 25°

Examined and found to be correct.

L. K. Lewis
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Esk", 3d Rate, 6 Guns,

Port Stanley. Falkland Islands

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1			W.N.W.	W.N.W.	3-5		29.01	64	53	53		b.c.q.	Cum Str.	7	D.	
2			"	"	3-5		29.00	64	53	53		"	"	6	"	
3			"	"	3-5		28.97	63	52	52		"	"	6	"	
4			W.	W.	3		28.97	62	52	52		"	"	6	"	
5			W.N.W.	W.N.W.	2-3		29.00	61	51	51		b.c.f.	Cir. Str.	4	"	
6			W by N.	W. by N.	2		29.00	62	51	51		"	"	3	"	
7			"	"	2		29.02	65	53	53		"	"	3	"	
8			S.W. by W.	S.W. by W.	2		29.03	68	55	55		b.c.	"	3	"	
9			W by S.	W.	4		29.03	70	57	56		"	Cir. Cum.	3	"	
10			"	W. by S.	5		29.03	69	58	56		"	Cir. Str. + Nimb.	1	"	
11			"	"	5-6		29.03	69	58	57		b.c.q.	Cir. + Nimb. Cum	1	"	
Noon.			"	W.	5-6		29.03	68	58	56		o.c.q.	Nimb Cum	0	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ′ ″

Longitude by D. R. at Noon ° ′ ″

Latitude by Observation at Noon ⊙ ° ′ ″

Longitude by Chronometer from Forenoon Observations ⊙ ° ′ ″

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ′ ″

Variation of the Compass by Azimuth ⊙ observed at ° ′ ″

Water expended during the preceding 24 hours 400 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 1600 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.																
1			W. by S.	W. by S.	5-7		29.05	68	58	57		b.c.q.f.	Cir. Cum.	4	D.	
2			W.S.W.	"	5-7		29.05	68	58	57		"	Nimb Cum	1	"	
3			S.W.	S.W.	5-7		29.07	68	57	56		"	"	1	"	
4			S.W by W.	"	4-6		29.08	69	56	56		o.c.f.q.	"	0	"	
5			W.S.W.	W.S.W.	4-6		29.09	69	57	56		b.c.q.	Cir. Str. + Nimb.	2	"	
6			"	"	4-6		29.10	70	57	56		"	"	5	"	
7			"	"	4-6		29.13	70	56	54		"	"	5	"	
8			"	"	4-6		29.14	69	54	52		"	"	5	"	
9			W by S.	W. by S.	4-5		29.16	69	54	52		b.	"	10	"	
10			"	"	4		29.18	67	52	52		"	"	10	"	
11			W.	W.	4		29.20	67	50	50		"	"	10	"	
Mid.			W.N.W.	W.N.W.	3		29.20	66	49	49		b.c.	Cir. Nimb	2	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ′ ″

Longitude by Chronometer from Observations * ° ′ ″

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ′ ″

Variation of the Compass by at ° ′ ″

under the command of Commander W. S. Schley, U. S. Navy,

Tuesday, February 4th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mid. to 4 AM. Cloudy cool and pleasant. Gentle to stiff breeze from W.N.W. to W. Frequent stiff squalls during first three hours of watch. Bar. falling 29.97.

Saml. Sandy
Ensign

4. to 8 AM. Cloudy and pleasant. Light to gentle breeze from W.N.W. to S.W. by W. Bar. rising 29.98 at end of watch. Received fresh provisions for crew.

C. B. T. Moore

8 AM. to Mid. Cloudy and pleasant. Moderate to fresh breeze from W. & W by S. Squally latter part of watch. Bar. steady. Smooth sea. W.C. Montgomery (U.S.) by order of the Comdg. Officer, was confined in single irons to await the action of the Comdr in Chief; for assaulting a shipmate with knife or other sharp instrument. Repairing damaged part of deck.

C. K. Lewis
Lieut.

Mid. to 4 P.M. Cloudy and cool. Passing showers of rain. Stiff to fresh breeze, blowing in squalls, hauling from W. by S. to S.W. Finished repairing damaged part of deck. Secured the battery for sea. Sent awnings below, hoisted in Catamaran. rigged in and secured 1st Cutter. Put on mainsail cover, mirror, dodge & pea, preparatory for sea.

L. P. Jewett
Master

4. to 8 AM. Cloudy and squally. Moderate to fresh breeze from W.S.W. Bar. rising 29.14. Hoisted smoke stack, unrigged lower booms

Saml. Sandy
Ensign

8 P.M. to Mid. Clear and pleasant. Stiff to gentle breeze from W. by S. to W.N.W. Bar. rising. Smooth sea. Bright moonlight.

C. K. Lewis
Lieut.

Moon's phase. In 2d Qr. Dec N 23°

Examined and found to be correct.

C. K. Lewis
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

At Sea, Making passage from Falkland Islands, to Monte Video

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1			W. by N.	N. by N.	2-3		29.20	64	50	50		o. c.	Nimb	0	D.	
2			W. N. W.	W N W.	2		29.19	63	50	50		o. c. d. u.	"	0	"	
3			W S. W.	W. S. W.	2-3		29.19	62	50	50		o. c. r.	"	0	"	
4			W.	W.	2-4		29.19	62	51	51			"	0	"	
5			"	"	2-4		29.22	61	50	50		b. c. q.	Nimb Cum. Str.	4	"	
6			W S. W.	W. S. W.	3		29.25	60	50	50		b. c.	"	5	"	
7			S.W. by W.	S. W by W.	4		29.25	60	52	52		"	"	5	"	
8			"	"	4		29.26	60	52	52		"	"	6	"	
9			"	"	2-3		29.29	63	52	52		"		3	"	
10	Standing out of Stanley			"	2		29.32	67	55	55		"	Cir. & Cum. Nimb	5	"	
11	1	4	N.	S. by W.	3		29.34	67	58	58	57	"	Cir. Cum.	7	"	
Noon.	6	9	"	S. E. by E.	3		29.35	65	58	58	57	"	Cir. Cum. & Str. Nimb	8	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — S 51 ° 29. 42 "

Longitude by D. R. at Noon — W 57 ° 35. 36 "

Latitude by Observation at Noon ⊙ — S 51 ° 28. 00 "

Longitude by Chronometer from Forenoon Observations ⊙ — ° ' "

Lg Mv 5.48

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at — ° ' "

Water expended during the preceding 24 hours — 200 gallons.

Water received during the preceding 24 hours — 10000 "

Water remaining on hand fit for use at Noon — 2400 "

Coal consumed during the preceding 24 hours — tons lbs.

Coal remaining on hand at Noon — " "

P. M.																
1	5	8	N by W.	E.	1-2		29.36	63	53	53	57	b. c.	Cir & Nims. Cum.	2	D.	Let go anchor and get topsails
2	6	6	"	E. S. E.	2		29.36	62	56	56	57	"	Cir. Str. & Nims. Cum.	5	"	
3	3	0	"	S. E.	2-1		29.37	62	53	53	57	o. c.	Cir & Nims. Str.	0	"	
4	2	5	"	S. E by S.	1-2		29.38	61	53	53	57	"	Cir. Str. & Cum Nimb	0	"	
5	2	4	"	S. E by E.	1-3		29.40	60	52	52	57	b. c. f.	"	2	"	Let the clew of M. sail.
6	2	0	"	"	1-2		29.42	59	52	52	57	b. c.	"	4	"	
7	2	3	"	"	2-3		29.45	58	51	51	57	"	"	5	"	Single reefed topsails furled royals.
*8	1	9	"	"	2-3		29.45	58	51	51	57	"	"	6	"	
9	2	6	"	S. E.	3		29.48	60	50	50	57	"	"	5	"	
10	2	0	"	S. by E.	2		29.50	60	50	50	57	"	Cir. Cum	5	"	
11	2	0	"	"	2		29.53	60	50	50	57	"	Cir. & Nims	7	"	
Mid.	2	9	"	S. by W.	3		29.54	60	50	50	57	"	"	6	"	

S 57-13-50
W 57-26-50

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by at — ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Wednesday, February 5th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mid. to 4 AM. Overcast and raining last two hours of watch. Light to stiff breeze varying from W.N.W. to W.S.W. Smooth sea. Bar. steady at 29.67.

E. P. Jewett
Master

4. to 8. AM. Cloudy and pleasant. Light to moderate breeze from W. to S.W. by W. first hour moderate wind squalls. At 7.10 started fires in two more boilers. At 7.40 crossed T.G. yards. Making preparations for sea. Bar. rising 29.26. Received ~~1000~~ on board 1000 gals fresh water.

Lewis C. Sands Ensign

8. AM. to Merid. Generally clear and pleasant. Light to gentle breeze from S.W. by W. hauling by South to S.E. by E. At 9. AM. brought to on the starb. chain, and hove in to 15 fms. and at 9.40 hove up, and steamed out of the harbor. At 10.10 crossed royal yards, Made square sail to royals and jib except mainsail. At 11.15 unbent chains and stowed them below. Took the departure at 10.45 Cape Pembroke Light house bore (p.c.) S. by W. distant 3.5 miles Rev. 4 fms. 30 lbs. Rev. 45. At 12. changed course to S by W.

C. B. T. Moore
C.B.T.M. Ensign

Merid. to 4 PM. Overcast and cool. Light airs to light breeze from E. to S.E. by E. Bar. rising. Sea smooth. Steering the course. Let fires go down, and unconpled engines at 2. ost Fires banked in two boilers. Distilling. At 1.40 set spanker and gaff topsail. Loosed and single reefed mainsail Falkland Islands in sight on port quarter.

E. P. Jewett
S. N. J. Master

4. to 6 PM. Partly clear and pleasant, with passing rain showers. Light airs to gentle breeze from S.E. by E. Sea smooth. Bar. rising 29.40. By order of Comdg. Officer released Thos. P. Roberts (A.S.) from confinement. At end of watch point of land in sight bearing (p.c.) S.W. by S 1/2 E. At 4.45 reefed lee clew of the mainsail. Fires banked in two boilers 25 lbs. distilling

Lewis C. Sands Ensign

6. to 8. PM. Cloudy, cool and pleasant. Light to gentle breeze from S.E. by E. At 6.30 mustered at quarters. At 7. took single reef in topsails and furled royals. On course S. by W. distilling.

C. B. T. Moore
C.B.T.M. Ensign

8 PM. to Mid. Cloudy and pleasant. Light to gentle breeze from S.E. to S by W. Smooth sea. Bar. rising. Steering course S. by W. At 10. hauled up mainsail and squared away. Fires banked under two boilers. Distilling.

E. P. Jewett
Master

Remarks please. In 2d. Qr. Dec. N 19°

Examined and found to be correct.

L. N. Lewis
Lieut.
Navigator.

LOG of the UNITED STATES Steamer "Essex", 2d Rate, 6. Guns,

At Sea, Making passage from Falkland Islands to Monte Video

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																Under sail, fib. fm. sail single reefed topsails -
1	3	8	N by W.	S.	2-3		29.55	60	48	48	50	b. c.	Cir Cum.	8	S.	
2	4	0	"		2-3		29.56	60	48	48		b. c. W.	Cir.	9	"	
3	3	6	"	S by E.	2		29.58	60	49	49		"	Cir Str: + Cumn	8	"	
4	2	8	"		1-2		29.60	60	49	49		"	"	7	"	
5	2	9	"	S.	2-3		29.64	58	49	49		b. c.	"	1	"	
6	3	3	"	S. S. W.	3		29.65	58	49	49		o. c.	"	0	"	
7	3	0	"	S W by S.	2-3		29.65	58	50	50		b. c.	"	0	"	
8	2	3	"	"	2		29.67	59	50	50		"	"	1	"	
9	2	1	N by W 1/2 W.	"	2		29.67	58	51	51		"	"	1	"	
10	2	4	"	S. W by W.	3		29.67	58	51	51		"	"	4	"	
11	3	2	"	"	3		29.67	57	51	51		"	"	5	"	
Noon.	3	7	"	"	3		29.67	57	51	51		"	"	6	"	

S 5-0-07
W 57-41

Distance run by Log since preceding Noon	73 knots		~~fathoms.~~
Latitude by D. R. at Noon	°	′	″
Longitude by D. R. at Noon	S 50	2. 24	″
Latitude by Observation at Noon ⊙	W 57	26. 00	″
Longitude by Chronometer from Forenoon Observations ⊙	S 49	55. 8	″
Current during the time knots ~~fms.~~ South per hour setting to the	W 57	41 25	
Variation of the Compass by Amplitude ⊙ observed at Sunrise			
Variation of the Compass by Azimuth ⊙ observed at			
Water expended during the preceding 24 hours	~~200~~ gallons.		
Water Condensed during the preceding 24 hours	750 "		
Water remaining on hand fit for use at Noon	2850 "		
Coal consumed during the preceding 24 hours	tons		lbs.
Coal remaining on hand at Noon	"		"

Lg W 5-62

NW 3/4 W

P. M.																
1	4	2	N by W. 1/2 W.	W. S. W.	3		29.69	57	51	50	50	b. c.	Cir. Str + Cumn.	8	S.	
2	5	5	"	W by S.	4		29.69	57	52	52	51	"	Str.	9	"	
3	5	2	"	W by S.	4		29.65	57	53	53	51	"	"	4	"	
4	5	4	"	"	4		29.67	58	53	52	51	"	"	4	"	
5	5	4	"	"	4		29.66	58	52	52	51	"	"	6	"	
6	5	2	N by W 1/4 W.	W. by N.	4		29.65	58	51	51	51	"	Cir. Str.	8	"	
7	5	0	N. 1/4 W.	W. N. W.	4		29.63	58	51	50	51	"	"	4	"	
8	4	5	N. 1/2 E.	"	4		29.62	58	50	50	50	"	"	2	"	
9	4	8	N. 1/4 E.	"	5		29.60	59	50	50	50	"	Cir. Str + Cumb.	2	"	
10	4	4	N. 1/4 W.	"	5		29.59	59	50	50	50	"	"	5	"	
11	4	0	"	"	5		29.56	58	50	50	50	"	"	2	"	
Mid.	4	0	N.	"	5		29.55	58	50	50	50	"	"	1	"	

S 45-12
W 57-34

Longitude by Chronometer from Afternoon Observations ⊙	°	′	″
Longitude by Chronometer from Observations *	°	′	″
Variation of the Compass by Amplitude ⊙ observed at Sunset	°	′	″
Variation of the Compass by at	°	′	″

under the command of Commander W. S. Schley, U. S. Navy,

Thursday, February 6th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mid. to 4. Clear and pleasant. Bright moonlight. Gentle to light breeze from S. & S. by E. Bar. rising. Smooth sea. Steering the course. Fires banked in two boilers. Ab. St. pres. 25 lbs. Distilling. Moon set at 2.45.

Saml. Langley
Ensign

4 to 8 AM. Partially ~~clear~~ overcast but pleasant. with light to gentle breezes hauling from S. to S.W. by S. Bar. rising 29.65 at 8. Smooth sea. At 6.50 shook reefs out of topsails, set mainsail, royals and fly. jib. Under all plain except T. T. Staysail Spanker and gaff topsails. Steering the course N by W. Small school of whales were seen during the watch. Fires banked in two boilers, pres 20 lbs. distilling. At 8 AM. changed course to N. by W. 1/2 W.

C. B. T. Moore
M. Ensign

8 AM. to Merid. Cloudy and pleasant. Light to gentle breeze from S.W. by S. to S.W. by W. At 9.15 inspected at quarters, exercised 1st Div. at signals. Co. B. at single sticks. Marine Guard at small arms. On course N by W. 1/2 W. Distilling St. pres. 25 lbs. Bar. steady 29.67.

E. P. Jewett
Master

Merid to 4 P.M. Clear and pleasant. Gentle to moderate breeze from W.S.W hauling to W. Steering course N by W 1/2 W. At 1 p.m. set T. T. staysail. Hauled fires at 1.30. Issued clothing. Looked storm sails to dry. At 3, took took sail maker's gang to ~~sea~~ re bend sheet, and set it again

Saml. Langley
Ensign

4. to 6. P.M. Clear and pleasant. Moderate breeze from W. Smooth sea. Bar. falling. Steering the course first part, full and by last half hour.

C. B. T. Moore
M. Ensign

6 to 8. P.M. Clear and pleasant Moderate breeze from W.N.W. Smooth sea. Bar. falling 29.62 at 8. By the wind. At 7 took in royals and flying jib and one reef in topsails took in gaff topsail. Moon rose at 7 p.m.

E. P. Jewett
Master

8. to Mid. Cloudy, cool, and pleasant. Stiff breeze from W.N.W. Obscured moonlight. Heavy dew. Full and by. Bar. falling 29.53

Saml. Langley
Ensign

Moons phase Full moon dec N 14°

Examined and found to be correct.

L. M. Lewis
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 7th Rate, 6 Guns,

Making passage from Falkland Islands to Montevideo.

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	4	7	N. by E. ½ E.	N.W. by W.	4-5		29.53	58	50	50	51	0. c. w.	Str. Nimb	0	D.	Plain sail to single reefed
2	5	4		"	5-7		29.48	57	50	50	51	b. c. q. w.	"	4	"	topsails
3	3	4	N. by E. ½ E.	"	6-7		29.45	57	50	50	51	"	Cir. + Str. Nimb	3	"	Took in T.G. sails and
4	3	8	N. ¾ E.	W.N.W.	6-7		29.42	57	50	50	51	"	"	1	"	double reefed topsails.
5	5	0	N. by E.	"	7-8		29.37	57	50	50	52	b. c. q.	Nimb Str.	0	M.	Hauled down jib
6	5	0	"	"	7-8		29.32	57	52	52	52	"	"	0	"	
7	4	4	N. N. E.	N.W. by W.	4-8		29.26	57	52	52	53	"	"	0	R.	Close reefed courses and topsails
8	3	7	N ½ E.	W.N.W.	8		29.20	57	53	53	54	b. c. q. p.	"	0	"	Hauled down head of spanker
9	4	0		W. by N.	7-8		29.18	57	52	52	54	"	"	0	"	
10	3	5	N. by W.	W.	7		29.18	57	53	53	54	"	"	0	"	
11	3	2	N. by W. ½ W.	W.S.W.	6		29.21	57	53	53	54	b. c. q.	Cir. Str.	4	"	Hoisted jib, hauled out
Noon.	4	0	"	"	6		29.23	57	53	53	49	"	"	8	"	head of spanker shook two reefs out of topsails.

S 45-20 W 56-45-

Distance run by Log since preceding Noon	107 knots	4 tenths fathoms.
Latitude by D. R. at Noon	S 48 ° 17 ' 2 "	
Longitude by D. R. at Noon	W 56 ° 53 ' 25 "	
Latitude by Observation at Noon ⊙	S 48 ° 11 ' 22 "	
Longitude by Chronometer from Forenoon Observations ⊙	W 56 ° 43 ' 18 "	
Current during the time knots 4 tenths per hour setting to the	N 6 ½ E	
Variation of the Compass by Amplitude ⊙ observed at Sunrise	° ' "	
Variation of the Compass by Azimuth ⊙ observed at	° ' "	
Water expended during the preceding 24 hours	300 gallons.	
Water during the preceding 24 hours	"	
Water remaining on hand fit for use at Noon	2550 "	
Coal consumed during the preceding 24 hours	tons	lbs.
Coal remaining on hand at Noon	"	"

Lg 5.62

P. M.													
1	4 6	4 8	N. by W. ½ W. N. N. W.	W.S.W.	6	29.26	57	54	54	50	b. c. q.	Cum. Str.	6	M.	Set T. G. sails
2	4	6	"	"	6	29.29	58	54	54	50	"	"	5	"	
3	5	0	"	"	6	29.31	58	54	54	50	"	"	5	"	
4	6	5	"	"	7	29.33	58	55	54	50	"	"	5	"	
5	6	8	"	W. by S.	6	29.33	58	55	54	50	"	"	2	"	
6	5	8	"	W.S.W.	6	29.39	58	54	54	51	o. c.	Nimb. Str.	0	"	
7	5	4	"	W. by S.	5	29.39	59	54	54	52	"	"	0	"	
8	5	2	"	"	5	29.41	59	54	54	53	"	"	0	"	Took in T.G. sails, single
9	5	2	N. N. W. ½ W.	W.S.W.	5	29.42	59	54	54	54	"	"	0	"	reefed topsails.
10	4	4	"	"	4	29.43	59	54	54	55	"	"	0	"	
11	4	5	"	"	5	29.46	59	54	54	55	o. c. p.	Nimb	6	"	
Mid.	4	2	"	"	4	29.46	59	54	54	55	"	Cir. Nimb	1	"	

S 47-27 W 56-47

Longitude by Chronometer from Afternoon Observations ⊙	° ' "	
Longitude by Chronometer from Observations	° ' "	
Variation of the Compass by Amplitude ⊙ observed at Sunset	° ' "	
Variation of the Compass by at	° ' "	

under the command of Commander W. S. Schley, U. S. Navy,

Friday, February 7th, 1878.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Cloudy, damp and disagreeable. Moderate to very fresh breeze from N.W. by W. blowing in squalls. Bar. falling. Took in T.G. sails at 1.55 and at 2.15 took a second reef in the topsails.

C. B. T. Moore
Ensign

From 4. to 8. AM. Overcast. Cloudy. Blowing a moderate gale in squalls from W.N.W. & N.W. by N. Moderate to rough sea. Bar. falling fast. Steering by the wind. At 4.40 hauled down jib. Between 6. & 7. Close reefed courses and topsails. Got on preventer lower and topsail braces. At 7.15 hauled down head of spanker.

L. K. Lewis
Lieut.

8. AM. to Merid. Overcast and squally first two hours of watch. Clearing last two. Rough sea. Bar. steady first two rising last two hours of watch, 29.23 at 12. Fresh breeze to moderate gale hauling from W. by N. to W.S.W. At 10.00 shook one reef out of courses, and hauled out head of spanker. At 10.20 shook one reef out of topsails, 11.10 shook out second reef and hoisted jib. Steering the course N. by W. 1/2 W. last two hours.

Lawrence Spruhan
Ensign

Merid. to 4 PM. Cloudy, hazy, and pleasant. Fresh to very fresh breeze from W.S.W. At 12.10 set T.G. sails. At 12.55 Changed course to N.N.W. Moderate sea. Bar. rising 29.33. Light scud from S.W. & W. On course N.N.W.

C. B. T. Moore
Ensign

4. to 6. PM. Cloudy, hazy and disagreeable. Overcast last hour. Fresh breeze from W. by S. to W.S.W. Moderate sea. Bar. falling. Steering course N.N.W.

E. P. Jewett
Master

6. to 8. PM. Overcast. Cloudy. Stiff breeze from W. by S. Moderate sea. Bar. rising. Steering the course. At 7.35 furled T.G. sails, and single reefed topsails. At 8. Changed course to N.N.W. 1/2 W.

Lawrence Spruhan
Ensign

8. PM. to Mid. Overcast, with passing rain showers, last two hours of watch. Clearing at end of watch. Moderate to stiff breeze from W.S.W. Moderate sea. Bar. rising 29.46 at 12. At 10.45 hauled down jib

C. B. T. Moore
Ensign

Moons phase. 2n 3d Qr. dec N 8°

Examined and found to be correct.

L. K. Lewis
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 2d Rate, 6 Guns,

At Sea, Making Passage from Falkland Islands to Montevideo.

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																Double reefed topsails F.T. Staysail Spanker reefed M. sail. and F. sail -
1	3	0	N.N.W.½W.	W.S.W.	4		29.46	59	53	53	54	o.p.	Cum. Str. & mist	0	S.	
2	3	0	"	"	4		29.47	59	53	53	54	b.c.	"	7	"	
3	2	8	"	"	4		29.48	59	53	53	54	"	"	7	"	Hooked out F. sail,
4	3	0	"	"	4		29.48	57	54	54	54	"	"	7	"	topsails and set
5	4	0	"	"	4-5		29.50	58	54	54	57	"	"	7	"	F.B. sails and jib
6	5	2	"	S.W.by W.	4		29.53	58	54	54	57	"	Cir. Cum & Str.	4	"	
7	4	5	"	S.W.by S.	4		29.55	58	55	55	57	"	Cir Str.	9	"	
8	3	2	"	S.W.	3		29.56	58	56	56	57	"	"	9	"	
9	2	3	"	"	2		29.58	59	56	56	57	"	"	9	"	Hoisted fly jib set royals.
10	2	3	"	W.S.W.	2		29.60	59	56	56	58	"	"	8	"	Hauled down jib
11	2	2	"	"	1-2		29.62	59	58	58	58	"	"	8	"	Hoisted jib.
Noon.	2	2	"	"	2		29.64	59	57	57	58	"	"	8	"	

S 46-23 W 36-36

Distance run by Log since preceding Noon — 1 cv knots 5 tenths fathoms.

Latitude by D. R. at Noon — S 46 · 38 · 12"

Longitude by D. R. at Noon — W 57 · 11 · 30"

Latitude by Observation at Noon ⊙ — S 46 · 14 · 15"

Longitude by Chronometer from Forenoon Observations ⊙ — W 56 · 58 · 57"

Lg. Mn. 56.2 — Current during the time 1 knots ~~fms.~~ tenths per hour setting to the — N E x N

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at 8 A.M. (S 46-23 W 56-56) — E 12 · 25 · 00"

Water expended during the preceding 24 hours — 200 gallons.

Water during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 2250 "

Coal consumed during the preceding 24 hours — tons lbs.

Coal remaining on hand at Noon — " "

P. M.															
1	1	8	N.N.W.½W.	W.S.W.	1-2		29.63	59	57	57	58	b.c.	Cir. Str.	9	S.	
2	1	0	"	"	1		29.65	59	58	58	58	"	"	9	"	
3	1	5	"	"	1		29.65	59	60	59	58	"	"	9	"	
4	1	0	"	"	1		29.66	60	61	61	58	"	"	9	"	
5	1	0	"	S.W.	1		29.68	61	60	60	59	"	"	9	"	
6	1	2	"	"	1		29.69	63	59	58	59	"	"	9	"	
7	1	5	"	S.S.W.	1		29.70	62	58	58	59	"	"	9	"	
8	1	3	"	"	1		29.70	62	58	58	59	"	"	9	"	
9	0	5	"	S.W.	0-1		29.73	62	58	58	59	"	"	7	"	Took in royals and
10	0	5	N.N.W.	"	0-1		29.74	62	58	58	59	"	"	7	"	flying jib. Hauled
11	0	0	"	Calm	0		29.75	62	58	58	59	"	"	8	"	up M. sail.
Mid.	0	5	"	S.W.	0-1		29.78	62	58	58	59	"	"	9	"	

S 46-04 W 57-02

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by at — ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Saturday, February 8th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. First hour, overcast and passing rain, then cloudy and pleasant. Moderate breeze from W.S.W. Heavy swell from W.S.W. Obscured moonlight. On course N.N.W. 1/2 W.

L. P. Jarett
Master

4 to 8 AM. Began cloudy. Clear and pleasant last half of watch. Moderate to gentle breeze from W.S.W. veering to S.W. by S. decreasing in force. Long swell from S.W. & W. Bar. rising. At 4.40 took one reef out of the topsails and set J.G. sail. At 5. shook reef out of foresail and first reef out of the topsails, and hoisted jib. Steering the course N.N.W. 1/2 W.

L. K. Lewis
Lieut.

8 AM to Merid. Clear and pleasant. Light breeze from S.W. and W.S.W. Smooth sea. Bar. rising. Steering the course. At 8.10 hoisted flying jib and set royals. At 9.30 hauled down jib, in order to repair the jib-stay. At 10.15 hoisted jib. Mended the sheave of the fore topsail tye block. Took off fore and after braces

C. B. T. Moore
Ensign

Merid. to 4 PM. Clear and pleasant. Light airs from W.S.W. Bar. steady at 29.65. Long swell from S.W. Under all plain sail. Steering the course N.N.W. 1/2 W.

L. P. Jarett
Master

4 to 6 PM. Clear and pleasant. Light airs from S.W. Long swell from from S.W. and N.W. On course N.N.W 1/2 W.

Lawrence Sicard
Ensign

6 to 8 PM. Clear and pleasant. Light airs from S.S.W. Bar. steady. Long swell from S & W. Steering course N.N.W. 1/2 W.

C. B. T. Moore
Ensign

8 PM. to Mid. Clear and pleasant. Partly overcast last hour of watch. Calms and light airs from S.W. Bar. rising. Moderate swell from S & W. Steering the course. At 9 furled royals, stowed flying jib, and hauled up mainsail. Changed course at 9 to N.N.W.

L. P. Jarett
Master

Moon's phase. In 3d Qr. N 1°

Examined and found to be correct.

L. K. Lewis
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

At Sea, Making Passage from Falkland Islands to Monte Video

Hour.	Knots.	~~Knots~~ Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	0	5	N N. W	Calms	0		29.78	67	58	58	58	b. c.	Cir. Str.	4	S	
2	0	5	"	"	0		29.79	67	58	58	58	0. c.	Cir. Mus	0	"	
3	0	5	"	"	0		29.80	67	58	58	58	b. c.	Cir. Str.	6	"	
4	0	5	"	"	0		29.80	67	58	58	58	"	"	8	"	
5	0	5	"	S. E.	1		29.85	67	57	57	58	"	"	8	"	Set royals.
6	0	5	"	E.	1		29.85	61	57	57	58	"	"	8	"	
7	0	8	"	E. N. E.	1		29.86	61	58	58	58	"	"	8	S	Set M. sail, Spanker
# 8	1	0	"	"	1		29.86	61	58	58	58	"	"	8	"	G. topsail & F. jib
9	1	5	"	N. E.	1		29.87	67	59	59	58	"	"	9	S.	
10	2	0	N. N. W 1/2 W.	N E. by N.	2	1/4	29.88	67	60	60	58	"	"	9	"	
11	3	6	N. W. 1/2 N.	"	3	1/4	29.88	63	60	60	58	"	"	9	"	
Noon.	3	6	N. W by N.	"	3	1/4	29.88	61	61	60	58	"	"	9	"	

S 45 55 55
W 57 07

Distance run by Log since preceding Noon — 26 knots 7 ~~fathoms~~ tenths

Latitude by D. R. at Noon — S 45° 48' 43"

Longitude by D. R. at Noon — W 57° 8' 21"

Latitude by Observation at Noon ⊙ — S 45° 45' 45"

Longitude by Chronometer from Forenoon Observations ⊙ — W 57° 11' 21"

Current during the time knots ~~fms.~~ tenths per hour setting to the

29.88 Var 15° 57 62

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at 8 Am. { S 45° 55' W 57° 07 — E 11° 55' "

Water expended during the preceding 24 hours — 300 gallons.

Water during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 1907 "

Coal consumed during the preceding 24 hours — tons lbs.

Coal remaining on hand at Noon — " "

P. M.																
1	0	0	Var 15°.	N. N. E.	4		29.88	60	61	61	59	b. c.	Cir. Str.	9	S	
2	4	5	N W by W.	N by E.	4		29.87	61	60	60	59	"	"	8	"	Set M. sail, T.S. sails royals & fly. jib
3	5	8	W N. W.	N.	5		29.85	60	59	58	59	"	"	7	"	Stowed fly. jib.
4	5	5	N. W. by W. 1/2 W.	N. by E.	4		29.83	60	58	58	59	"	"	8	"	
5	6	2	W. N. W	N.	5		29.80	67	58	58	59	b. c. gr.	"	8	"	
6	6	8	W N W 1/2 W.	"	5		29.79	67	59	59	59	"	"	8	"	Took in royals.
7	6	6	W. N. W 3/4 W.	N. W. by W.	5		29.78	67	58	58	59	"	"	8	M.	Single reefed topsails
# 8	4	0	W 1/4 N.	N by W.	6	1/4	29.77	67	57	57	59	"	"	8	"	
9	3	8	W. 1/4 N.	"	5		29.76	67	56	56	59	b. c. m. z.	"	9	S	
10	3	8	W.	N N. W.	4-5		29.76	63	56	56	59	"	"	8	"	
11	2	0	N E. 1/2 N.	"	4		29.76	63	56	56	59	"	"	8	"	
Mid.	2	4	"	"	4		29.76	63	55	55	57	b. c. m. f.	"	5	"	

S 45 24
W 57 08

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by at — ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Sunday, February 9th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mid. to 4. AM. Clear and pleasant. Bright moonlight. Calm first three hours, light airs coming up from N.E. & W. last hour of watch. Bar. 29.80. Long swell from S.W.

Jas. L. Sculf
Ensign

4. to 8. AM. Clear and pleasant. Light variable airs from S.E. to E.N.E. At 4.30 set royals. At 6.50 set mainsail, spanker, gaff topsail and fly. jib. Long swell from S.W.

L. K. Lewis
Lieut.

8. AM. to Mid. Clear and pleasant. Light airs to light breeze from N.E. to N.E. by N. Steering full and by. Bar. steady 29.88 Long swell from S.W. Clewed up royals and hauled down fly. jib at 11.45. Clewed up T. G. sails at 11.55. Signaled B.S.L. (Com. code) to an American Whaling vessel, bearing down on us. By order of Condg. Officer released W. C. Montgomery (O.S.) from confinement and made him a prisoner at large.

E. P. Jewett
Master

Mid. to 4. P.M. Clear and pleasant. Moderate breeze from N.N.E. to N. Bar. falling. Smooth sea. Steering by the wind. At 12.05 hauled up mainsail and hove to with main topsail to the mast. Communicated with the American Whaling bark "Sea Fox" of New Bedford Mass. At 12.45 filled away and then luffed sharp to, Captain Jenkins of the "Sea Fox" came on board. At 1.10 set mainsail and T. G. sails Steered full and by. At 1.30 set royals, and at 1.45 hoisted fly. jib. At 2.00 hauled down and stowed flying jib.

Jas. L. Sculf
Ensign

4. to 6. P.M. Clear and pleasant with stiff breeze from N. Bar. falling 29.79. at 6. Long swell from S.W. At 5.50 took in and furled royals.

C. B. T. Moore
Ensign

6. to 8 P.M. Clear and pleasant. Stiff to fresh breeze from N. by W. At 6.30 mustered at quarters At 7 furled T. G. sails, took single reef in topsails. Moderate sea. Full and by

E. P. Jewett
Master

8. to Mid. Clear and very damp, Heavy fog for a few minutes of the last hour. Moderate to stiff breeze from N. by W. to N.N.W. Steering full and by. Bar. steady. At 8.07 moon rose. At 10.05 hove ship

Jas. L. Sculf
Ensign

Mains'l sheet. 2in 3 1/2 Gr. Hwr. S. 5"

Examined and found to be correct.

L. K. Lewis
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Esset", 2d Rate, 6 Guns,

At Sea, Making passage from Falkland Islands to Monte Video.

Hour.	Knots.	Tenths, ~~Fathoms.~~	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																Under sail, jib, F.T. Staysail Single reefed topsails Courses and spanker.
1	2	8	N.E. ¼ N.	N.N.W. by N.	4	1/2	29.76	64	54	54	54	o.f.w.	–	0	D	
2	3	0	N.E. by N.	"	4	1/2	29.76	64	54	54	54	b.f.w.	–	2	"	
3	2	5	N.N.E. ½ E.	N.W.	3	1/2	29.76	64	54	54	54	b.c.w.	Cir. Str.	3	"	
4	2	0	N.E. by N.	N.W. by N.	2	3/4	29.75	61	54	54	54	b.c.	"	3	"	Took in F.T. Staysail. Set
5	1	7	"	"	2	3/4	29.74	60	53	53	53	"	"	2	"	J.G. sails Shook reef
6	2	2	N.N.E. ½ E.	"	3	1/4	29.73	61	56	56	56	"	"	4	"	out of topsails.
7	2	4	"	"	3	1/4	29.73	60	57	57	57	"	"	8	"	
#8	3	6	N.E. ½ N.	"	3		29.72	60	57	57	57	"	"	9	"	
9	5	2	N.E. ¼ N.	N.N.W.	4		29.71	60	58	58	58	"	"	8	"	Set royals, flying jib
10	6	0	N.E.	"	4		29.70	60	58	58	58	"	"	8	"	and G. topsail.
11	4	5	W.N.W. ½ W.	N.	5		29.67	60	58	58	58	"	"	5	"	Furled royals and
Noon.	4	5	"	"	4		29.65	60	59	58	58	"	"	4	"	took in fly. jib.

S 43=24
S 57-42

Distance run by Log since preceding Noon — 91 knots 8 tenths ~~fathoms.~~

Latitude by D. R. at Noon — S 44 ° 54 ' 45 "

Longitude by D. R. at Noon — W 57 ° 39 ' 15 "

Latitude by Observation at Noon ⊙ — S 45 ° 13 ' 13 "

Longitude by Chronometer from Forenoon Observations ⊙ — W 57 ° 45 ' 46 "

Lg. Av. 5-62 — Current during the time — knots 7 tenths ~~fms.~~ per hour setting to the — S x W 1/4 W

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at 8 AM. S. 45-24 W. 57-47 — E 12. 40. 00 "

Water expended during the preceding 24 hours — 200 gallons.

Water during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 1750 "

Coal consumed during the preceding 24 hours — tons lbs.

Coal remaining on hand at Noon — " "

P. M.														
1	3	8	W. ¼ N.	N. by W.	4	29.64	61	59	58	58	b.c.z.	Cir. Str.	5	D.	
2	3	8	W. ¼ N.	N.N.W.	4	29.63	61	59	58	58	"	"	7	"	
3	3	3	W. ½ N.	"	4	29.62	61	59	59	58	"	"	8	"	
4	4	8	N.N.E.	N.W.	4	29.61	61	59	59	58	"	"	8	"	Set royals & fly. jib.
5	4	4	N. by E. ¾ E.	"	4	29.59	61	58	58	58	"	Cir. & Mixed Str.	8	"	
6	4	6	N. ¼ E.	W.N.W.	4	29.58	61	57	57	57	"	"	2	"	
7	5	2	N.	W.	4	29.58	62	57	57	57	o.c.z.	"	1	"	
#8	4	2	"	"	3	29.59	63	57	57	58	b.c.l.	"	0	"	
9	3	8	"	"	4	29.62	62	58	58	58	"	"	4	"	Took in J.G. sails.
10	3	0	"	"	3	29.61	63	58	58	58	"	"	4	"	Set J.G. sails.
11	2	8	"	"	3	29.60	63	58	58	58	"	"	3	"	
Mid.	3	5	"	"	4	29.61	63	57	57	57	"	"	3	"	

S 44.50 S 45.00
W 57.51 W 57.48

Lg. Av. 5-76

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by at — ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Monday, February 10th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mid. to 4. AM. Overcast, foggy and wet first two hours of watch, with thick scud driving over to leeward. Clear last two hours. Moderate to light breezes from N.W. by N. Bar steady. Smooth sea. Steering by the wind. At 3.15 hauled down F. T. Staysail.

C. B. T. Moore
Ensign

4. to 8 AM. Clear and pleasant with gentle breeze from N.W. by N. Smooth sea. Bar. falling 29.72 at 8. By the wind. At 5 shook reefs out of topsails, set T. G. sails

E. P. Jarvett
Master

8 AM. to Merid. Clear and pleasant. Latter part cloudy. Moderate to stiff breeze from N.N.W. to N. At 8.20 set royals and F. jib, and G. topsail. At 9.15 sounded to general quarters 1st Div. reported ready at 9.22; 2d Div. 9.18.30; Nav. 9.18. Powder 9.18.10. Engrs. 9.17, M.S. 9.16.30. Exercised divisions at general quarters. Secured at 9.25. Sounded retreat at 9.37. At 10. tacked ships. At 10.50 furled royals, stowed F. jib. Shook out storm staysails to dry. Issued small stores, Examined bags. Full and by. Bar. falling 29.65.

Lawrence Lynch
Ensign

Merid. to 4 P.M. Clear and pleasant, hazy around horizon. Moderate breeze from N.N.W. to N.W. Bar. falling 29.61 at 4. Smooth sea. Tacked ships at 3.15. Set royals and fly. jib at 3.20. Steering full and by.

C. B. T. Moore
Ensign

4. to 6 P.M. Partly overcast, pleasant. Moderate breeze from N.W. to W.N.W. Bar. falling. Gentle swell from N. Steering by the wind first hour, on the course second hour

E. P. Jarvett
Master

6. to 8. P.M. Mostly overcast, but pleasant with gentle to moderate breeze hauling from W.N.W. to W. Bar. rising 29.59. Sea smooth. At 7.05 took one reef in topsails, furled royals and stowed F. jib and G. topsail

Lawrence Lynch
Ensign

8 P.M. to Mid. Cloudy and pleasant. Moderate to gentle breeze from W. At 8.20, took in sail, furled T. G. sails. At 10 set T. G. sails. From 8.20 until 10.20 remarked bright and vivid flashes of lightning in N.W. to N.E. horizon. Latter part of watch, occasional lightning to S.E. & E. Light wind from S. & E. On course N. Bar. steady.

C. B. T. Moore
Ensign

Number of hours in 3d Qr. Dec. 5 H.

Examined and found to be correct.

E. K. Lewis
Lieut.
Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

At Sea. Making passage from Falkland Islands to Monte Video

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																Under sail: J. T. T. staysail foresail, single reefed mainsail, single reefed topsails and T. G. sail
1	4	5	N 1/4 E.	W.N.W.	4		29.62	64	58	58	57	b.c. sq. l	St. Nimb	1	S	
2	4	8	N.	W. by N.	2-4		29.62	64	58	58	57	"		2	"	
3	2	8	"	"	3		29.61	64	58	58	57	"	Cir. & St. Nimb	1	"	
4	3	2	"	"	4-5		29.61	64	58	58	57	"	"	1	"	
5	5	5	"	W by S.	5-3		29.67	63	58	58	59	b.c.	"	2	"	
6	2	0	"	S.W. by S.	3-2		29.67	63	58	58	59	b.c. sq.	Cir. Cum.	4	"	Shook reef out of topsails. Set royals.
7	3	4	"	"	3-2		29.70	63	59	58	59	b.c.	Cir.	8	"	Hoisted fly. jib and S. topsail.
8	4	5	"	S.W. by W	3		29.72	63	59	58	59.	"	"	9	"	
9	4	8	"	S.W.	3		29.74	62	60	60	59	"	"	9	"	
10	4	5	"	"	3		29.75	61	61	60	59	"	"	9	"	
11	3	7	"	S.S.W.	3		29.77	60	60	59	59	"	Str.	9	"	
Noon.	4	0	N. by W.	S.	3		29.77	60	60	59	59	"	"	9	"	

S 44-09 W 57-24

42-25 A.M. 40-45 S

Distance run by Log since preceding Noon 96 knots 9 tenths ~~fathoms.~~

Latitude by D. R. at Noon S 43° 49' 13"

Longitude by D. R. at Noon W 57° 31' 16"

Latitude by Observation at Noon ⊙ S 43° 52' 36"

Lg. No 5476 Longitude by Chronometer from Forenoon Observations ⊙ W 57° 19' 27"

Current during the time knots 4 tenths ~~fms.~~ per hour setting to the S.E. x E

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at 8 A.M. ° ' "

Water expended during the preceding 24 hours 2 50 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 1500 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
P. M.																
1	1	9	N by W. N. 1/2 W.	S.S.W.	3		29.80	67	60	60	61	b.c.	Cum. Str.	9	S	
2	3	4	"	"	3		29.82	62	62	62	61	"	"	9	"	
3	2	6	"	"	2		29.83	63	63	63	61	"	"	9	"	
4	2	0	"	"	2		29.84	64	64	64	61	"	"	9	"	
5	2	4	"	W.S.W.	2		29.84	64	63	62	60	"	Cir. Str.	9	A	
6	3	4	"	S.W.	3		29.83	63	61	60	60	"	"	9	"	
7	2	5	"	S.W. by W.	2-1		29.85	65	60	60	60	"	"	8	"	
8	1	4	"	W. by S.	1-2		29.87	65	59	59	59	"	"	8	"	
9	3	2	"	W.	2-3		29.89	65	58	58	60	"	"	9	"	
10	4	5	"	W. by N.	3		29.89	65	58	58	60	"	"	8	"	
11	4	8	"	"	3		29.89	65	58	58	60	"	"	8	"	
Mid.	4	6	"	W.	3		29.89	64	58	58	60	b.c. W	"	8	"	

S 43-31 W 57-14

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander W. A. Ashley, U. S. Navy,

Tuesday, February 11th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Cloudy and overcast, most part of watch. Light to gentle breeze from W.N.W. varying to W. Bar. Steady 29.61. Smooth sea. Sheet lightning around the horizon. Steering by the wind, On her course last two hours

L. P. Jewett
Master

4. to 8 AM. Clear and pleasant, after first hour of watch. Stiff to light and gentle breeze from S.W.½S. to S.W. by W. Bar. rising. Smooth sea. Steering the course. At 5.15 shook reefs out of topsails and set royals. At 7. set fly. jib. At 7.10 set spanker and gaff topsail

C. N. Curtis
2nd Asst.

8. AM. to Merid. Clear and pleasant with gentle breeze from S.W. to S. Bar. rising 29.79 at noon. At 9.15 mustered and inspected at quarters, and exercised the crew as per routine. At 11. o'clock spoke French Bark Louise Marie of St. Malo. 35 days from Table Bay, bound to Iquique, all well on board. At 11. Manged course to S by W. Under all plain sail. On Course.

C. B. F. Moore
Ensign

From Merid. to 4 PM. Clear and pleasant. Gentle to light breeze from S.S.W. At 12.30 Manged course to S½W. Bar. rising. Long swell from S.W. On course S½W.

L. P. Jewett
Master

4. to 6 PM. Clear and pleasant. Light to gentle breeze from W.S.W. Bar. rising. Smooth sea. Steering the course. Finished [illegible]

[illegible]
Ensign

6. to 8 PM. Clear and Pleasant. Light breeze to light airs from S.W. by W. and W. by S. Bar rising. Smooth sea. Steering the course. Mustered at quarters at 6.30

C. B. F. Moore
Ensign

8. PM. to Mid. Clear and pleasant. Gentle breeze from W. by S. Moon rose at 9. Smooth sea. Bar steady 29.89 at 12. Steering course. Under all plain sail.

L. P. Jewett
Master.

Moons phase. In 3 days or. Dec S 17°

Examined and found to be correct.

C. K. Curtis
Liut

Navigator.

LOG of the UNITED STATES Steamer Eagle, 3d Rate, 6 Guns,

At Sea Making passage from Falkland Islands to Montevideo Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	4	0	NNE 1/2 E	SW	3		29.89	64	58	58	60	b	Cirrus	7	S	All plain sail
2	3	0	"	"	2		29.89	64	58	58	60	"	"	5	"	
3	1	5	"	"	1		29.89	64	58	58	60	"	"	5	"	
4	1	2	"		1		29.89	64	58	58	60	"	Cir	5	"	
5	1	2	"	SW-by-W	1		29.89	63	58	58	60	"	"	8	"	
6	1	5	"	W by S	1		29.90	63	59	59	60	"	"	9	"	
7	2	0	"	W	2		29.99	63	59	59	60	"	"	9	"	
# 8	1	6	"	"	2		29.92	63	59	59	60	"	"	9	"	
9	1	5	"	"	2		29.99	63	59	58	61	b	"	10	"	
10	1	5	NNE 1/2 E	W by S	2		29.93	63	59	58	61	"	"	10	"	
11	2	0	NNE 1/4 E	"	2		29.92	63	59	59	61	"	"	10	"	
Noon.	3	0	NNE 1/2 E	W-by-N	2-3		29.94	63	59	59	62	bc	"	9	"	

Distance run by Log since preceding Noon — 5-1 knots 6 ~~fathoms.~~ (corrected)

Latitude by D. R. at Noon — S 48 . 1 . 36 "

Longitude by D. R. at Noon — W 57 . 12 . 27 "

Latitude by Observation at Noon ⊙ — S 42 . 41 . 27 "

Longitude by Chronometer from Forenoon Observations ⊙ — W 57 . 1 . 2 "

Lg. Inv. 5-76

Current during the time knots 9 ~~fms.~~ (corrected) per hour setting to the NNE

Variation of the Compass by Amplitude ⊙ observed at Sunrise

Variation of the Compass by Azimuth ⊙ observed at 8 A.M. [S 42-49 W 57-2] E 12 . . "

Water expended during the preceding 24 hours — 300 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon — 1300 "

Coal consumed during the preceding 24 hours — tons lbs.

Coal remaining on hand at Noon " "

P. M.															
1	1	8	NNE 1/4 E	NE-by-N	2	29.92	63	62	64	62	b	Cirrus	9	S	
2	1	2	NNE 1/2 E	"	2	29.92	64	63	63	63	"	"	9	"	
3	1	8	NNE 1/4 E	"	2	29.92	65	64	64	63	"	"	9	"	
4	2	0	"	"	2	29.92	65	64	64	63	"	"	9	"	
5	1	6	NE-by-E 1/2 E	NE-by-E	2	29.92	65	63	63	63	"	"	9	"	
6	1	6	"	"	2	29.92	65	62	62	62	"	Cir Str.	9	"	
7	2	2	NNE 1/2 E	NE	2-3	29.92	65	60	60	62	"	"	9	"	
# 8	3	0	NE. 1/2 N	NE-by-E	3	29.92	65	60	60	62	"	"	9	"	
9	2	0	NE by N	"	2	29.92	65	60	60	62	b.c.	"	9	"	Sent on royals and flying jib
10	1	0	NNE 1/2 E	NE	1	29.92	65	60	60	62	"	"	9	"	
11	1	5	NNE	"	2	29.92	65	60	60	62	b.c.	"	9	"	
Mid.	2	0	NE by E	NE-by-N	2	29.92	65	60	60	62	.	"	9	"	

Longitude by Chronometer from Afternoon Observations ⊙ . . "

Longitude by Chronometer from Observations * . . "

Variation of the Compass by Amplitude ⊙ observed at Sunset . . "

Variation of the Compass by at . . "

under the command of Lieutr. Comdr. W. Scott Schley, U. S. Navy,

Wednesday, February 12th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant. Gentle breeze to light airs from S.E. Bright moonlight. Barometer steady Ch. course S.E. 1/2 E.

Isaac C. Bradley
Ensign

From 4 to 8 A.M. Clear and pleasant. Light airs to light breeze from S.E. by E. hauling to East. Barometer rising. Smooth sea. Ch. course E. 1/2 E.

Le. V. Lewis
Ensign

From 8 A.M. to Meridian Clear and pleasant. Light and gentle breeze from East and N.E. Barometer rising. Smooth sea. Steering the course first and last hours of watch. By the wind second and third hour. Quarters for inspection at 9 A.M. Drilled 1st and 2nd Divs at great guns. Powder division at stations for general exercise. Overhauling ~~[illegible]~~ ridge ropes, grab ropes and boom ladder.

E. P. Jewett
Master

Meridian to 4 P.M. Clear and pleasant with light breeze from N. to N.E. By the wind under all plain sail close reefed mainsail. Barometer steady at 29.92. Smooth sea. At 2. hauled up mainsail took second reef and set it again. At 2.05 started fires in two boilers for distilling.

Isaac C. Bradley
Ensign

From 4 to 8 P.M. Clear and pleasant. Light to gentle breeze from N.E. by N. at 5 commenced distilling. Fires banked in two boilers. Full and by.

C. B. T. Moore
Ensign

From 8 to 8 P.M. Clear and pleasant. Light to gentle breeze from N.E. by N. hauling to N.E. by N. Bar. steady. Smooth sea. Steering full and by. Distilling.

E. P. Jewett
Master

From 8 P.M. to Mid. Clear and pleasant. Light breeze from N.E. by N. to N.E. by E. Bar. steady. Smooth sea. Steering by the wind. At 8.15 took in royals and flying jib. Distilling with fires banked in two boilers. Average steam pressure 25 lbs. Moored at 9.30.

Isaac C. Bradley
Ensign

Mean draft. Fwd 3d. Aft. Dr. 5.12.

Examined and found to be correct.

Le. V. Lewis
Lieut.

Navigator.

LOG of the U[illegible]TED STATES Steamer "Essex" , 3d Rate, 6 Guns,

At Sea. Making passage from Falkland Glands to Monte Video.

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	7	9	N. 1/4 E.	N. N. by W.	3		29. 90	65	60	60	60	b. c.	Cir.	9	S.	Plain sail to S.G. Two reefs
2	7	5	"	"	3		29. 88	65	60	60	60	"	"	9	"	in Mainsail.
3	7	3	N.E. by E 1/2 E.	N. W.	2		29. 87	65	60	60	60	"	"	9	"	
4	7	3	"	"	2		29. 87	65	60	60	60	"	"	9	"	
5	7	0	N.E. 1/4 N.	N. N. W.	3		29. 87	64	60	60	61	"	Cir. Str.	9	"	Set royals. and fly jib
6	4	4	N.E. 1/4 E.	"	4		29. 88	64	60	60	61	"	"	9	"	
7	4	6	N.E.	"	4		29. 89	64	60	60	61	"	"	9	"	
# 8	3	0	N.E. 1/2 E.	"	4		29. 90	64	60	60	61	"	"	9	"	
9	5	8	N.E. 1/2 N.	N. W. by N.	5		29. 90	64	60	60	61	"	"	9	"	
10	5	7	N. 1/2 E.	N. N. W.	5		29. 90	64	60	60	61	"	"	9	"	
11	5	8	"	"	5		29. 90	64	60	60	61	"	"	9	"	Took in fly. jib.
Noon.	6	0	"	"	5		29. 88	64	60	60	61	"	"	9	"	

Distance run by Log since preceding Noon — 66 knots 5 tenths ~~fathoms~~.

Latitude by D. R. at Noon — S 42° 3' 29"

Longitude by D. R. at Noon — W 56° 57' 26"

Latitude by Observation at Noon ⊙ — S 42° 2' 42"

Longitude by Chronometer from Forenoon Observations ⊙ — W 56° 23' 17"

Current during the time 1 knots ~~fms.~~ tenths per hour setting to the — E 1/8 N

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at 8 Alm. — ° ' "

Water expended during the preceding 24 hours — 300 gallons.

Water ~~Condensed~~ during the preceding 24 hours — 450 "

Water remaining on hand fit for use at Noon — 1450 "

Coal consumed during the preceding 24 hours — tons lbs.

Coal remaining on hand at Noon — " "

P. M.																
1	6	0	W 1/4 N.	N. N. W.	5		29. 85	63	62	62	62	b. c.	Cir. Str.	9	S.	
2	6	7	W 1/2 N.	N. by W.	6		29. 82	64	63	63	62	"	"	8	"	Took in royals.
3	6	8	"	"	6		29. 80	64	62	62	62	"	"	8	"	
4	6	2	W. 3/4 N.	"	5		29. 79	64	59	59	59	"	"	9	"	
5	5	5	W 1/2 N.	"	5	1/4	29. 78	63	59	59	59	"	"	10	"	
6	4	8	W 3/4 N.	"	5	1/4	29. 77	63	58	59	59	"	"	8	"	
7	4		N.E. 1/2 N	N. N. W.	5		29. 77	63	58	58	54	o. c.	Cir. Cum. Str.	0	S.	
# 8	2	5	N.N.E. 1/2 E.	N. W.	4		29. 77	63	56	57	54	o. c. l.	"	0	"	
9	2	1	N. N. E.	"	3	1/4	29. 78	63	56	56	54	o. c. f.	"	0	"	
10	2	0	N. by E 1/2 E.	N. W. by W.	2	1	29. 78	63	56	56	54	"	"	0	"	
11	1	3	N. 3/4 E.	N. N. W.	1	1	29. 80	64	58	57	54	b. c. f.	"	3	"	
Mid.	1	2	N.	"	1	1	29. 80	64	57	57	54	"	"	2	"	

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by — at — ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Thursday, February 13th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mid. to 4. AM. Clear and pleasant bright moonlight. Light to gentle breeze from N. W. by W. to N. W. Sea smooth. Bar. falling first two hours, steady last two at 29.87. Fires banked under two boilers - Distilling

C. B. T. Moore
Ensign

4. to 8. AM. Clear and pleasant. Gentle to moderate breeze from N. N. W. Distilling Bar. rising 29.90. Full and by. At 5 set royals and flying jib Fires banked under two boilers - Destilling.

De. K. Lewis
Asst.

8. AM. to Mid. Clear pleasant weather. Stiff breeze from N N W. to N. W. by N. Bar. falling last hour. Smooth sea - Steering full and by. At 9.50 AM. tacked ship Loosed storm sails to dry, and furled them at 11.50 - Took in fly jib at 11.20 - Distilling - Fires banked in two boilers, 25 lbs steam -

Danl. Leigh
Ensign

Mid. to 4 P.M. Clear and pleasant. Stiff to fresh breeze from N. N. W. and N. by W. Bar. falling - Smooth sea - Steering by the wind - At 1.30 furled royals and Mizzen storm staysail - Distilling with fires banked in two boilers At 4 P.M. 25 lbs

C. B. T. Moore
Ensign

4. to 6 P.M. Clear and pleasant, with stiff breeze from N. by W. Bar. falling. At 5.45 - tacked ship. Fires banked in two boilers. Distilling

L. P. Jouett
Master

6. to 8. P.M. Overcast, cloudy, and hazy. Stiff to moderate breeze from N. N. W. to N. W. Remarked tide rips - At 6.30 mustered at quarters. Banked fires in two boilers, 4 fires. 25 lbs. Distilling. Full and by.

Danl. Leigh
Ensign

8. P.M. to Mid. Overcast, cloudy, and foggy. Light airs to gentle breeze from N. W. to W. N. W. Bar. rising slowly. Distilling. Banked fires in two boilers At 8.15 took in gaff topsail. Steering full and by -

C. B. T. Moore
Ensign

Moons phase. At Last Qr. Dec 3.25°

Examined and found to be correct.

De. K. Lewis
Asst -

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

At Sea, Making passage from Falkland Islands to Monte Video.

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																Jib, F.T.M. staysail, forsail reefed M. sail, T'sails
1	1	3	N. ½ E.	W.N.W.	2		29.80	63	56	56	55	b.w.	–	10	S.	Jib, F.T.M. staysail, forsail reefed M. sail, T'sails
2	2	0	N.	"	3		29.80	63	55	55	55	b.f.w.	–	3	"	
3	2	5	"	"	3		29.79	63	55	55	55	o.f.w.	–	0	"	
4	1	6	"	"	2		29.79	63	55	55	55	"	–	0	"	
5	1	6	"	W.S.W.	2		29.80	63	55	55	55	o.c.f.w.	Cir. Nimbus	9	"	
6	2	5	"	S.S.W.	3		29.80	63	55	55	55	"	–	6	"	
7	2	8	"	S.	3		29.80	63	56	56	55	"	–	–	"	
8	2	6	"	"	3		29.84	63	56	56	55	"	–	–	"	
9	1	8	"	"	1		29.86	61	57	57	55	"	Cirr. Cumu. St.	0	"	Hauled up main sail
# 10	2	3	"	S.S.E.	2		29.88	61	59	59	59	b.c.m.	"	8	"	Set lee clew of M. sail,
11	2	4	"	"	2		29.87	60	59	60	59	"	"	4	"	Spanker and S. T'sail
Noon.	1	5	"	"	2		29.87	60	59	60	59	"	"	6	"	

Distance run by Log since preceding Noon — 75 knots ~~fathoms~~ tenths

Latitude by D. R. at Noon — S 41 ° 16 ' 48 "

Longitude by D. R. at Noon — W 56 ° 52 ' 17 "

Latitude by Observation at Noon ⊙ — S 40 ° 56 ' 6 "

Longitude by Chronometer from Forenoon Observations ⊙ — W 56 ° 31 ' 36 "

Sq. Nv. 5-76

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours 200 gallons.

Water ~~Condensed~~ during the preceding 24 hours 900 "

Water remaining on hand fit for use at Noon 2050 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

S 41-01 W 55-53

P. M.																
1	1	7	N. N. ¼ W.	S.E.	2		29.87	61	59	59	58	b.c.s.	Cir. Cumu. St.	5	S.	
2	3	6	"	E.	3		29.86	61	58	58	57	"	"	3	"	
3	3	4	"	"	3		29.85	61	59	59	57	"	"	6	"	Set fly. jib and F.T.M.
4	3	5	"	E. by N.	3		29.84	62	59	59	58	"	Cir. St.	8	"	staysail.
5	3	2	"	N	3		29.83	61	58	58	57	"	"	5	"	
6	6	2	E. S. E.	N. E.	3		29.84	61	58	58	56	"	"	5	"	
7	2	8	N. W. ¼ W.	"	3		29.81	61	56	56	56	b.c.f.	"	6	"	
# 8	3	6	N. W. ¾ N.	"	4		29.82	61	55	56	56	"	"	–	S.	
9	4	6	N. N. W. ¼ W.	"	5	½	29.83	62	55	55	56	b.c.f.w.d.	"	"	S.	
10	2	5	N. ¾ W.	N. E. by E.	6	¾	29.83	62	54	54	56	"	"	"	"	Close reefed t'sails
11	1	5	N. N. W.	"	6	3	29.82	62	54	54	56	"	"	"	½	
Mid.	1	0	"	"	6	2	29.87	62	54	54	56	"	"	"	"	Single reefed forsail

S 40-54 W 56-21

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Friday, February 14th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mid to 4 AM. Clear and pleasant, first hour of watch. Overcast foggy, and misty after. Light to gentle breeze from W.S.W. Bar. falling slowly. Smooth sea. Steering by the wind. Distilling with fires banked in two boilers. Av. st. pres. 25 lbs.

L. P. Jouett
Master

4. to 8. AM. Foggy and damp, with gentle breeze from W.S.W, hauling to S. last two hours. Bar. steady first three hours, rising last hour 29.84 at 8. At 5.40 set royals. At 6.45 took in spanker and hauled down F.J. staysail. Fires banked in two boilers, Av. st. pres. 25 lbs. Distilling.

Saml. P. Symes
Ensign

8. AM. to Mid. Overcast, misty and foggy, first hour, then cloudy to pleasant. At 9. hauled up P.S. sail At 9.15 exercised divisions at fire quarters. At 10. exchanged colors with an English bark. At 10.30 set spanker gaff to peak and lee clew of mainsail. Set storm sails to dry. By order of Comdg. Officer (Lds.) Wm. W. Gross was released from confinement, and restored to duty. (Lds.) In confinement in compliance with sentence of summary Court. Placed John P. Roberts

On cruise N. Distilling.

C. B. I. Thomas
Ensign

Mid. to 4. PM. Pleasant weather, hazy around horizon. At 12.45 Manned to N. 1/4 W. Steering course. Wind light to gentle from S.E. hauling to E. by N. At 2.25 got a cast of the deep sea lead, no bottom at 82 fms. Main royals halliards parted, took in sail, and set it again as soon as halliards were repaired. Set flying jib and F.J. staysail at 3.40.

L. P. Jouett
Master

4. to 6 PM. Pleasant hazy weather. Gentle to light breeze from E.N.E. and N.E. Bar. rising. Smooth sea. Steering by the wind. Distilling with fires banked in two boilers, Av. st. pres 25 lbs. Taken aback at 6.30. Braced round on port tack, heading E.S.E. At 5.55 tacked to N.W.

Saml. Symes
Ensign

6 to 8. PM. Heavy fog, very damp. Gentle to moderate breeze from N.N.E. Bar. rising. At 6 took in royals, and flying jib. At 7 furled J. Gpails and took two reefs in the topsails. Fires banked in two boilers. Distilling.

C. B. I. Thomas
Ensign

8 PM. to Mid. Overcast, foggy, and misty. Light to fresh breeze from N.E. to N.E. by E. At 10 took close reef in topsails, single reef in forsail. At 11. cast deep sea lead, no bottom at 85 fms. Distilling. Lightning from N. & W. Full and by.

L. P. Jouett
Master

Moon phase. In Last Qr. Dec 8 26°

Examined and found to be correct.

C. K. Lewis
Lieut.

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

At Sea. Making passage from Falkland Islands to Monte Video.

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																F.T.S. staysail double reefed topsails, jibs reefed fore and mainsail.
1	1		N.N.W.	E.N.E.	2	2	29.83	61	56	56	56	o.f.l.r.	Nimb	0	S	
2	3	0	N.	S.E.	5-6		29.87	61	56	56	56	d.l.r.u.	"	0	"	
3	4	0	N½E.	E.	5		29.88	61	56	56	56	o.l.f.u.	"	0	"	
4	4	0	"	"	5		29.88	61	56	56	56	o.l.f.u.h.	"	0	"	Took in spanker.
5	3	2	"	E by N.	5	½	29.85	61	56	56	56	d.c.m.r.	"	0	"	
6	3	0	"	"	4-5	½	29.85	61	57	57	57	"	"	0	"	
7	2	2	N by W.	E.N.E.	4	½	29.85	61	58	58	58	"	Nim. Str	0	"	Shook one reef out of topsail.
8	3	0	N by W½W.	N.E. by E.	5-6	½	29.85	61	57	58	58	o.c.r.q.	"	0	"	Set jib and spanker.
9	4	4	N.N.W.¼W.	"	5-6	½	29.85	62	59	59	60	o.c.r.	"	0	"	
#10	3	0	E by S.	N.E. by N.	5	¾	29.90	62	60	60	60	"	"	0	"	
11	2	8	E½N.	N.N.E.	4		29.90	62	60	60	60	"	"	0	"	
Noon.	2	4	E. by N.	N by E.	4		29.88	62	59	59	60	"	"	0	"	

Distance run by Log since preceding Noon 68 knots 8 tenths fathoms.

Latitude by D. R. at Noon S 40 ° 1 ' 30 "

Longitude by D. R. at Noon W 56 ° 21 ' 54 "

Latitude by Observation at Noon ⊙ S 39 ° 50 ' 33 "

Longitude by Chronometer from Forenoon Observations ⊙ W 56 ° 18 ' 36 "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours 300 gallons.

Water (condensed) during the preceding 24 hours 950 "

Water remaining on hand fit for use at Noon 2700 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.																
1	2	0	E½S.	N E by N.	4		29.87	65	60	60	58	o.c.	Cir.Cum.Str	4	D	Furled M. sail took in jib
2	2	0	N.N.W.¼W.	"	4	½	29.86	65	61	61	58	"	"	3	"	Took two reefs, and furled
3	1	4	N½W.	"	4		29.87	65	61	61	58	"	"	3	"	topsails and fore sail.
4	3	5	"	"	4		29.85	65	61	60	58	"	"	3	"	Set M. trysail, Set jib.
5	9		N¼W.	"	4		29.85	63	61	62	65	"	"	4	"	
6	7	7	"	N.E.	4		29.85	63	61	62	65	o.c.	Nimb Str	0	"	
7	7	0	"	"	4		29.85	64	62	62	61	"	"	0	"	
#8	6	5	"	"	4		29.85	64	62	62	64	"	Nimb.	0	"	
9	5	6	N.	"	5		29.84	65	63	64	64	o.c.d.	"	0	"	
10	1	4	"	"	5		29.87	65	63	64	64	o.w.d.l.	"	0	"	
11	6	2	"	"	5		29.76	65	63	64	64	"	"	0	M.	
Mid.	4		"	N.N.E.	5-6		29.78	65	63	64	64	"	"	0	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Saturday, February 15th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Ugly, threatening weather to overcast, cloudy and foggy, with thunder and lightning and rain. At 1.15 wind came out in a fresh squall from N., took in foresail and squared away. Set foresail at 2.00, and mainsail at 2.00. Wind fresh, and steady last two hours of watch.

Lamb C. Smith
Ensign

4. to 8. AM. Overcast, cloudy, misty, raining, and last hour squally. Bar. steady. Smooth sea. Steering by the wind. At 7.05 shook the reef out of topsails. Set jib and spanker. At 8. got a cast of the deep sea lead in 50 fms. water. gray sand.

Le. V. Lewis
Lieut.

8 AM. to Merid. Overcast and damp. Moderate to stiff breeze, hauling from N.E. by E. to N. by E. Sea smooth. Bar. unsteady 29.88 at 12. At 10 got a cast of the lead, bottom at 47 fms. gray sand and shells. At 10 MM. ships fs. At 10.45 hoisted down jib. At 11.15 shook reefs out of topsails and foresail, and hoisted the jib. Fires banked in two boilers. Av. st. fms. 35 lbs. Distilling

L. P. Jouett
Master

Merid. to 4 PM. Cloudy and pleasant. Moderate breeze from N.E. by N. At 12.05 cast deep sea lead, light brown sandy bottom at 55 fms. At 12.40 stopped distilling. 12.48 MM. ships. At 1.35 furled mainsail and took in jib. 1.53 aloft down royal yards, hoisted smoke stack, spun yarn and mast covers. At 1.30 started fires in two additional boilers. At 2.30 both lee reefs in topsails furled topsails and foresail, set main topsail. At 2.47 coupled propeller and set jib. Scraped spars. On course N½W. Rev. 52. Av. st. fires. 60 lbs. At 4 changed course to N. ¼ W.

Lamb C. Smith
Ensign

4. to 6. PM. Cloudy and overcast last hour. Moderate breeze from N.E. by N. to N.E. Bar. steady. Steering course N. ¼ W. Av. st. fms. 55 lbs. Rev. 48. Finished scraping spars.

Steam 4 boilers.

C. B. T. Moore
Ensign

6. to 8. PM. Overcast with clouds. Mod. weather. Moderate breeze from N.E. Bar. steady. Smooth sea. Steering the course. Steam in four boilers. Av. st. fres. 50 lbs, 40 rev. At 8. got a cast of the deep sea lead in 48 fms. water, fine gray sand bottom.

L. P. Jouett
Master

8. PM. to Mid. Overcast, ugly, threatening weather, with lightning to the N. & W. Raining latter part of watch. Stiff to very fresh breeze hauling from N.E. to N. Smooth to rough sea. At 9.30 hauled down the jib. At 10 got a cast of the lead, bottom at 47 fms. fine gray sand. At 11. light all fore and aft sails. Fires in 4 boilers, Av. st. fres. 50 lbs Rev. 40

Lamb C. Smith
Ensign

Moons Phases - 2nd Last Qr. Dec - 5 27°

Examined and found to be correct.

Le. V. Lewis
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate, 6 Guns,

At Sea. Making passage from Falkland Islands to Monte Video

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-2°						
1	5	0	N.	NNE	6.7		29 78	68	65	65	65	o r g l t t	Cum Nimb	0	M	
2	6	2	"	"	6.7		29 78	66	65	65	65	"	"	0	"	
3	4	8	"	"	6.7		29 75	66	64	64	65	"	"	0	"	
4	4	6	"	"	6.7		29 77	66	65	65	65	"	"	0	"	
5	4	4	"	NE	4.8		29 69	66	65	65	65	o c g r.	Nimb	0	"	
6	3	4	"	"	6.8		29 67	66	65	62	65	"	"	0	"	
7	3	4	"	"	6.8		29 65	66	65	65	65	b c g j.	"	5	Rs	Set M try sail and clewed
8	3	8	"	"	5.7		29 65	66	66	65	65	"	Cir+ Cum Nimb	7	"	up spanker
9	4	0	"	NNE	6		29 65	66	66	65	65	b o z.	"	4	"	Took in topsail & spanker
10	4	0	"	NbyE	6		29 65	67	66	65	65	o z c	Nimb Str	0	"	Loosed and close reefed
11	3	8	"	NNE	5.6		29 66	67	67	65	65	"	"	5	M	and furled M. Topsails
Noon.	3	0	"	NbyE	5.6		29 66	68	68	65	65	"	"	5	"	

Distance run by Log since preceding Noon — 109 knots 5 tenths ~~fathoms~~.

Latitude by D. R. at Noon — S. 38. ° 5 ′ 11 ″

Longitude by D. R. at Noon — W. 56. ° 5 ′ 6 ″

Latitude by Observation at Noon ⊙ — S. 37 ° 51 ′ 40 ″

Longitude by Chronometer from Forenoon Observations ⊙ — W. 56 ° 0 ′ 0 ″

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ′ ″

Variation of the Compass by Azimuth ⊙ observed at ° ′ ″

Water expended during the preceding 24 hours 200 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 2400 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.															
1	2	6	N.		5	29 65	68	68	69	69	o c z.	Nimb Str	0	Mg	
2	0	8	NNE E.	N. NbyE.	5	29 63	68	69	69	69	b c z.	Str Cir Nimb	2	"	
3	3	7	"	NbyE	4	29 62	68	69	69	69	"	Str Cir Cum	4	"	
4	3	8	"	"	3.4	29 62	69	69	70	70	"	"	4	"	
5	3	0	"	"	4	29 63	69	69	69	67	"	"	4	"	
6	1	7	"	"	4	29 65	70	69	69	67	"	"	4	"	
7	2	2	NNE NE.	"	4	29 65	70	69	69	67	b c d z.	Cum Str & Nimb	2	"	
8	4	0	"	NbyE	4	29 62	71	70	70	67	b c z.	Str Nimb	1	"	
9	4	2	"	"	4.5	29 65	71	70	70	67	o c d g l	"	0	"	
10	2	7	NNE NE. N. E.	"	3	29 65	71	70	70	67	"	"	0	"	
11	5	8	"	"	2	29 67	71	70	70	67	"	"	0	"	
Mid.	6	8	"	NNE NE.	2	29 ~~69~~	71	71	70	67	"	"	0	"	
	7	6	"	"	2	29 70	71	72	72	67	b c	"	5	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ′ ″

Longitude by Chronometer from Observations * ° ′ ″

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ′ ″

Variation of the Compass by at ° ′ ″

under the command of Commander H. S. Selfridge, U. S. Navy,

Sunday February 16th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A M Overcast equally rainy and disagreeable Fresh to very fresh breeze from NNE. At 2 cast. deep sea lead white sandy bottom at 4½ fms At 4 made another cast no sounding Rev. 41 st. pres. 50 On course N. Moderate sea Frequent flashes of lightning with occasional thunder

Signed L B T Moore
Ensign

From 4 to 8 A M. Began overcast rainy and equally. Clearing last two hours with fog around horizon Moderate breeze to Moderate gale blowing in heavy squalls Bar falling 2965 at 8. Rough sea At 6 got a cast of deep sea lead bottom at 47 fms. Dark gray sand Set M topsail and clew of spanker at 620. took them in at 750 On course N. under steam Av st pres. 50 lbs. Rev. 37.

Signed L B Curtis
Lieut

From 8 A M to Mid Overcast with clouds and Lazy Fresh breeze from NNE. and NbyE. Bar rising slowly. Rough to moderate sea steering the course At 1040 got a cast of deep sea lead in 45 fms water dark gray sand and shelly bottom At 12 got another cast with same result At 940 loosed clew reefs and furled M topsail

Signed L B Lemly.
Ensign

From Mid to 8 P M Clearing at first hour of watch and remaining so during remainder of watch Wind moderating from stiff to gentle breeze from NbyE Sea moderating Bar falling first two hours steady last two at 2962 At 17.40 changed course to N¾E under steam alone Av. st pres 55 lbs. Rev. 37. Fires in four boilers

Signed L B T Moore
Ensign

From 4 to 6 P M. Cloudy hazy and pleasant. Moderate breeze from NbyE. Moderate sea At 525 changed course to N. Av st. pres. 50 lbs. At 540 changed course to N¾W. Av. rev. 33.

Signed L. P. Jouett
Master

From 6 to 8 P.M. Cloudy and hazy with drizzling rain first hour. Wind moderate to stiff from N Bar falling Moderate sea Steering course N¾W. Got a cast of deep sea lead at 750 bottom at 45 fms gray sand and shell Av st pres 50 lbs. Av. rev. 34.

Signed L B Lemly
Ensign

From 8 P M to Mid. Overcast with drizzling rain and lightning first three hours of watch Clearing last hour. Gentle to light breeze from N to NNW. Bar rising At 800 started fires in two more boilers Moderate to smooth sea Steering the course Steam in 6 boilers Av. st 50 lbs. Rev 48. At 830 changed course to NNW At 10 got a cast of the deep sea lead

Signed L B T Moore
Ensign

Moores Shoals Last gr Dec. 2 25°

Examined and found to be correct.

Signed L B Curtis
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate, 6 Guns,

At Sea Making passage from Falkland Islands to Monte Video

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-2°						
1	5	4	N. NW ½ W.	N. N W.	2		29 70	72	72	72	73	oc	fair Nimb	0	S	
2	3	6	"	"	2		29 70	78	72	72	73	bc	"	4	"	
3	8	4	"	"	2		29 68	73	72	72	73	"	"	8	"	
4	8	7	"	N W.	3		29 68	73	72	72	73	"	None	9	"	
5	8	8	"	"	3		29 68	72	72	72	74	"	fair Squalls	9	"	
6	8	6	"	"	3		29 70	72	73	73	74	"	"	9	"	
7	8	8	"	"	3		29 73	73	73	73	74	"	"	9	"	
8	9	0	"	"	3		29 73	74	73	73	74	"	"	9	"	
9	9	1	"	N by W.	3		29 75	74	73	72	74	bcg	fair Stg	6	"	
10	9	0	"	N.	3		29 75	73	73	72	74	"	fair Stg + Nimb	6	"	
11	9	0	"	N. NW.	3		29 77	73	73	72	74	"	"	7	"	
Noon.	9	2	N by W.	"	3		29 75	74	74	72	74	"	"	5	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° — ′ — ″

Longitude by D. R. at Noon — ° — ′ — ″

Latitude by Observation at Noon ⊙ — S. 35 ° 26 · 34″

Longitude by Chronometer from Forenoon Observations ⊙ — W. 56 ° 22 40″

Current during the time — knots — fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° — ′ — ″

Variation of the Compass by Azimuth ⊙ observed at — ° — ′ — ″

Water expended during the preceding 24 hours — 300 gallons.

Water — during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 2100 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " — "

P. M.													
1	Standing into	Galn	1,2	29 72	74	73	72	oc	Nimb Str	0	S	Took in fore and aft sail	
2	anchorage	East.	0	29 74	74	73	72	"	"	0	½		
3	"	S. S E.	1,2	29 74	74	74	72	ocd	"	0	"		
4	S W	"	1	29 75	74	74	72	"	"	0	"		
5	"	S. E.	1,2	29 75	74	73	72	"	Nimb Squalls	0	"		
6	S	"	3	29 77	74	73	72	"	"	0	"		
7	S by E	"	3	29 75	74	73	72	"	"	0	"		
8	S E by S.	"	3	29 75	74	73	72	oc	"	0	"		
9	"	"	3	29 77	74	73	73	"	"	0	"		
10	S by E	"	3,4	29 78	74	73	73	"	"	0	"		
11	"	"	4,5	29 78	73	72	72	"	"	0	"		
Mid.	"	"	4	29 78	73	72	72	oc.	"	0	"		

Longitude by Chronometer from Afternoon Observations ⊙ — ° — ′ — ″

Longitude by Chronometer from Observations * — ° — ′ — ″

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° — ′ — ″

Variation of the Compass by — at — ° — ′ — ″

under the command of Commander N. S. Schley, U. S. Navy,

Monday February 17th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A M. Overcast first hour of watch cleaning up second hour Bright starlight Moon rose about 2.30 Light to gentle breeze from W by N to W N W. Smooth sea Bar falling 29.68 at 4. At 12.30 hauled fires in two forward boilers port side and spread fires in two forward ones on stbd side At 12.45 got a cast of the lead bottom at 14 fms. gray sand another at 3. bottom at 14.5 fathoms At 1.30 started hand lead stbd side Fires spread in six boilers Av pres. 60 lbs. Aver 55.

Signed L. P. Jouett
Master

From 4 to 8 A M. Clear and pleasant Gentle breeze from W N W. At 5 cast deep sea lead gray sand bottom at 11 fms. beat chains. Smooth sea. Hand leadsman in chains At 8. bottom at 10 fms Av rev. 53 Av. at 60 lbs

Signed H. K. Curtis
Lieut.

From 8 A M to Merid Partly cloudy and hazy weather Gentle breeze from W by N to W S W. Bar steady Smooth sea At 8.45 set M. trysail and at 9.10 fore and aft sails Got the anchors off the bow Mended sails and made other preparations for going into port. Steering the courses W N W. 1/4 W. until 11 o'clock when changed to W by N. Kept hand lead going Fires in six boilers Av at pres 55 lbs. Av rev 52 Sighted land at 11.55 bearing W

Signed H. B. L. Moore
Ensign

From Merid to 4 P M. Overcast. cloudy. Drizzling rain last two hours. Wind variable in force and direction Bar rising. Smooth sea. Standing into anchorage At 1.15 took in all fore and aft sails lowered top gallant and royal yards and made all preparations for port. Hoisted our number Made general signal 1211 Intog to Flagship recd answer 1336 At 3.25 came to with port anchor in 3 fms water to 30 fms Recd & mail from Flagship Learned of the death of Rear Admiral Stoff U S N. and half masted colors with the other ships of war in the harbor Got up awning stanchions ridge ropes and awnings Bearings at anchorage Pt Conception W by N 1/2 N. Mast corner of Custom House N E by N. Fires in six boilers Av. st. 58 lbs. 50 rev. At 3.30 banked fires Av at 25 lbs

Signed L. P. Jouett
Master

From 4 to 8 P M. Overcast drizzling rain with light to gentle breeze from S E. Bar steady Fires banked in two boilers At 6.35 made preps Sig 6068 and at sunset 6068 and sent down T G and Royal yards.

Signed H. K. Curtis
Lieut

From 8 P M to Mid Overcast and cloudy Gentle to stiff breeze from S E Bar steady Fires banked in two boilers Distilling

Signed L. P. Jouett
Master

Moses Phaser Lastgr Dec S 22°

Examined and found to be correct

Signed H. K. Curtis
Lieut.

Navigator.

LOG of the UNITED STATES Steamer Essex , 3d Rate, 6 Guns,

Harbor of Monte Video Uruguay.

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										70 / 72						
1			S.	S.	4.6		29 77	73	70	70		ocgl.	Nimb	0	S	
2			S S W	"	4.5		29 77	73	70	70		"	"	0	"	
3			S W by S.	"	4.6		29 77	73	70	70		bcg	"	2	"	
4			S S W.	"	5.7		29 75	73	70	70		"	"	4	"	
5			S by E.	"	5.6		29 76	72	69	69		ocg	Cir Cum & Nimb	0	W	
6			S S E.	S S E	5.6		29 80	71	69	69		ocw	Nimb Cum	0	"	
7			S by E	"	5.6		29 81	70	68	68		ocp	"	0	"	
8			S	"	5		29 81	69	68	68		bc	Cir Cum	6	"	
9			S S W.	"	5		29 83	70	68	68		oc	"	0	S	
10			Underway.	"	5		29 83	70	69	68		bc	"	3	"	
11			S W by S.	"	5		29 83	70	69	68		"	"	4	"	
Noon.			"	"	5		29 83	70	69	68		"	"	5	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours 300 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 1800 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.																
1			S S W.	S	4		29 84	71	71	70		bc	Cir Cum	4	S	
2			S W by S.	"	4		29 82	71	71	69		"	"	5	"	
3			"	"	3		29 83	71	71	69		"	"	4	"	
4			S W by W.	"	3		29 83	72	71	70		"	Cum Nimb	1	"	
5			S S W.	"	3		29 88	72	71	70		oc	"	0	"	
6			"	"	3		29 83	72	71	70		"	"	0	"	
7			S.	S S E	2		29 83	72	70	69		bc	Cir & Nimb Cum	3	"	
8			S S E.	"	3.5		29 83	73	69	68		"	"	6	"	
9			"	"	4		29 85	73	69	68		"	Cum Nimb	2	"	
10			"	"	4		29 85	73	69	68		"	"	2	"	
11			"	"	2.3		29 85	73	69	68		bcw	"	3	"	
Mid.			S E.	S E	2.4		29 85	73	69	68		bcwlp	Nimb	0	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander N. S. Schley. , U. S. Navy,

Tuesday February 18th. , 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A M. Overcast first part. partly overcast latter part of watch Moderate to very fresh breeze blowing in squalls Bar steady until last hour when it fell to 29.75 Riding between wind and current Fires banked in six boilers Distilling Av. st. 25 lbs. Signed G K Curtis Lieut

From 4 to 8 A M. Overcast and squally with passing rain showers first three hours Clearing last hour Moderate seas. Bar rising 29.81 at 8. Ves followed the motion of the Flagship in exchanging colors with H B. M ship Garnet. which got underway about 5 30 and steamed down the river At 7 30 Flagship made gen sig 33 50. Stopped distilling at 7 45 Fires banked in 4 boilers Av st pres. 25 lbs. British mail steamer came in from up the river at 8 o'clock Signed S. Lofley Ensign

From 8 A M to Merid Partly cloudy pleasant weather Stiff breeze from S S E. Smooth sea Received visits of courtesy from French Brazilian and Spanish ships "Prout" Amazonas" and "Bonewelo" At 8 45 made Intog sig 4 0 7 0 Flagship answered got At 9 45 got underway. and shifted birth At 10 2 came to with starboard anchor in 3½ fms water veering to 30 fms At 10 40 made interrog signal 4 5 5 7 flagship answered got Engaged in scraping ship outside Got shot anchor on the bow. By order of Comdg Officer placed H B. Montgomery (S.S.) in sights to await action of Comdr in chief Bearings at anchorage (pc) Et. ferro. ½ N. by W ½ W. West corner of Custom House ½ E ½ N. Steam in four boilers After anchoring Commenced distilling and letting fires go down in all boilers Signed L P Jouett Master

From Merid to 4 P M. Partly cloudy pleasant weather Gentle to moderate breeze from S Shook the reefs out of the mainsail and furled it Unbent M trysail and storm staysails and stowed them below Engaged in scraping ship outside Sent starboard chain Hauled fires at 12 45 Signed S. B Lemly. Ensign

From 4 to 8 P M. Overcast first part partly clear latter part of watch Stiff to light breeze from S and S S E Bar steady Smooth sea Signed L P Jouett Master

From 8 P M to Mid Cloudy and for the last two hours threatening weather Heavy rugged clouds in Southern horizon Overcast last hour with lightning and showers of rain Bar steady Signed S B Lemly Ensign

Mons. Phase Last qr Dec. S 18°

Examined and found to be correct.

Signed G K Curtis Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate, 6 Guns,

Harbor of Monte Video Uruguay.

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										72						
1			E.	N.	1		29 85	72	69	69		oc	Nimb			
2			N E N.	Var.	1.3		29 85	69	69	69		bc p	"			
3			N N E.	N E.	2.5		29 83	69	69	69		ocg r	"			
4			E.	N N E.	2.4		29 83	69	69	69		bcg p	"			
5			N E N.	"	3		29 83	69	69	69		bc p	"			
6			"	"	3		29 85	69	69	69		bc	"			
7			"	"	3		29 86	68	69	69		"	"			
8			"	"	3		29 86	68	69	69		"	Cir & Cum Nimb			
9			E by S.	N E by E.	3		29 88	69	68	68		"	Cir Cum			
10			S E N.	S E.	2		29 89	70	69	68		"	"			
11			"	"	2		29 90	70	70	69		"	"			
Noon.			S by E.	S by E.	2		29 90	70	70	69		"	"			

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ' "

Water expended during the preceding 24 hours 200 gallons.

Water received & condensed during the preceding 24 hours 1400 "

Water remaining on hand fit for use at Noon 2900 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.																
1			N E N.	S W.	3		29 88	70	71	70		bc	Cir Cum	8	S	
2			N.	S	3		29 88	70	71	70		"	"	8	"	
3			N E N.	"	3		29 85	70	71	70		"	"	8	"	
4			"	"	3		29 85	71	71	70		"	"	8	"	
5			"	S E	2		29 82	71	71	71		"	"	8	"	
6			N by E.	"	2		29 82	71	74	74		"	"	9	"	
7				N by E	2		29 82	71	74	74		"	Cir	9	"	
8			S E.	E by N	3		29 81	71	74	74		"	Cir Str	9	"	
9			E	E N E	3		29 81	71	70	70		"	"	9	"	
10			E N E	"	3.4		29 82	71	69	68		bcy	"	9	"	
11			N E	N E	3.4		29 82	71	69	68		"	"	9	"	
Mid.			"	N E by N	3.4		29 82	71	69	68		"	"	9	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander H. S. Schley, U. S. Navy,

Wednesday February 19th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast equally and rainy at times Bar falling slowly Smooth sea Wind variable in force and direction first two hours Light to stiff squalls from N by W and N by W last two

Signed L. P. Jouett
Master

From 4 to 8 A.M. Cloudy and pleasant passing showers first two hours Gentle breeze from N by W. At sunrise set colors at half mast in commemoration of General Flores. At 730 Flagship made gen sig 3356 And at 8 crossed 7 fathoms

Signed R. T. Moore
Ensign

From 8 A.M. to Merid Clear and very pleasant. Light to gentle breeze from N by W. hauling to S by E. Bar rising slowly Sent to quarters at 9 30 for inspection Engaged in painting ship outside A board of composed of PA Engr. J. A Scott PA Engr. J. W Gardner and Asst Engr Wm. Parks. convened on board to survey articles in Engineers Dept. Signed R. T. Moore.
Ensign

From Merid to 4 P.M. Clear and pleasant. Gentle breeze from S W and S. Engaged in painting ship outside At 2 a board of survey convened and surveyed articles in Equipment Dept.

Signed R. T. Moore
Ensign

From 4 to 8 P.M. Clear and pleasant Light to gentle breeze variable in direction Pacific Mail steamer left the harbor At 630 Flagship made prep sig 4881 and at 640 prep signal 2985

Signed R. T. Moore
Ensign

From 8 P.M. to Mid Clear and pleasant Gentle breeze from E by N to N E by N. with occasional moderate wind squalls. Bar steady 29.82

Signed R. T. Moore
Ensign

Moons phase 1st Last qr. Dec. S. 15.

Examined and found to be correct.

(Signed) C. H. Curtis
Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate, 6 Guns,

Harbor of Montevideo Uruguay.

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-20						
1			N by E	N. by E.	2.4		29 81	71	68	68		bcu	Str	9	S.	
2			N	N	3		29 81	71	68	68		"	"	9	"	
3			N by W	N by W.	3		29 81	71	68	68		"	"	9	"	
4			N N W	N. N W.	2		29 81	71	68	68		"	"	9	"	
5			N W	N W.	3		29 81	69	65	65		bc	"	9	"	
6			"	N W.	4		29 82	68	65	65		"	"	9	"	
7			N N W	N N W	4		29 82	67	64	64		"	"	9	"	
8			N by E	"	4		29 83	68	68	68		"	"	9	"	
9			N E	N W.	4		29 84	71	70	70		"	"	9	"	
10			N E	"	4		29 85	72	73	72		"	"	9	"	
11			N W.	N N W.	4		29 85	73	75	73		"	"	6	"	
Noon.			S W.	W.	4		29 84	74	75	74		"	"	6	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours 300 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 7600 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.																
1			S W by W	W S W.	3		29 84	75	76	75		bc	Sto	8	S	
2			W	W	4		29 83	76	78	77		"	Cum Str	9	"	
3			"	"	4		29 82	77	79	78		"	"	8	"	
4			W by N	"	4		29 78	77	80	79		"	"	8	"	
5			"	"	4		29 79	78	80	78		"	Cum Nimb	4	"	
6			S W.	S W	4.7		29 80	76	75	73		ocu g	"	0	"	
7			W	W	4.6		29 80	76	75	74		oc b Sq	"	0	"	
8			N W.	"	0.6		29 84	76	74	73		"	"	0	"	
9			E	Calm	0		29 84	75	74	74		oc b	"	0	"	
10			"	N W.	3		29 84	75	74	74		"	"	0	"	
11			E N E	"	3		29 84	74	73	73		bc	"	5	"	
Mid.			"	"	3		29 84	72	72	72		"	"	4	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander N. S Schley, U. S. Navy,

Thursday February 20th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A M Clear and pleasant. Light to gentle breeze from Nby E hauling to N N W. Bar steady Smooth sea

Signed S G Lemly
Ensign

From 4 to 8 A M Clear and pleasant Gentle to moderate breeze from N N W to Nby E. Bar rising 2983 at 8 o'clock Sea smooth Received fresh provision for crew. At 720 Hartford made genl signal 3352 At 740 Essex to Hartford Int. signal 3357. Answered got At 8 loosed sails to a bunt line

Signed C K Curtis
Lieut

From 8 A M to Merid Clear and pleasant Moderate breeze from N W to W. Engaged in painting ship outside At 11 Comdg Officer of French vessel of war "Tactique" paid an official visit to Comdg Officer Flagship made following general signals at 1040–3918 Answered 904 At 1120 2984 Answered

Signed C P T Moore
Ensign

From Merid to 4 P M. Clear and pleasant with moderate breeze from W S W hauling to W. Bar falling 2978 at 4. Sea Smooth At 230 made int signal to "Hartford" 4826 Answered got Furled sails at 240 and unbent except fib and spanker and sent them below Unshackled and sent below fore and main tacks and sheets Sent men aloft to touch up spots on yards

Signed C K Curtis
Lieut

From 4 to 8 P M. Cloudy and pleasant first hour Overcast squally and lightning during remainder of watch Moderate breeze to very fresh squalls from W to S W. latter part of last hour fell suddenly calm At 525 Hartford made prep sig. 6145 At 530 sent down T G yards At 540 swung to a very fresh pampero from S W. let go port anchor and veered to 35 fms on port and 55 fms on stbd chain At 555 Flagship made gen sig 2985 Answered

Signed C P T Moore
Ensign

From 8 P M to Mid Overcast with lightning first two hours of watch Clearing up last two Bar steady Sea smooth Crossed in hawse

Signed C K Curtis
Lieut

Moons phase - New moon Dec. 8.

Examined and found to be correct.

Signed C. K. Curtis

Navigator.

LOG of the UNITED STATES Steamer Essex, 2d Rate, 6 Guns,

Harbor of Monte Video Uruguay.

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-2°						
1			N.t N.	N.t N			29.84	72	73	72		bc	Nimb	2	S	
2			N N.	"			29.84	72	72	72		"	"	4	"	
3			N N N.	N N by N.			29.85	72	71	70		"	Cum Nimb	5	"	
4				N N.			29.85	72	70	70		"	"	5	"	
5			S E	S E	2.3		29.85	73	72	72		"	Cir	7	"	
6			S E by E	"	2		29.91	71	71	71		"	Cir Cum	6	"	
7			"	"	2		29.93	72	71	71		"	"	7	"	
8					1		29.94	73	73	72		"	Cir Str	2	"	
9			E S E.	E S E	3		29.92	74	73	73		bcz	Cir Cum	2	"	
10			S E by E	"	1.2		29.97	74	73	73		"	"	1	"	
11			S E	"	1.2		29.97	74	74	74		"	Cir Nimb	1	"	
Noon.			E S E	"	3		29.96	75	74	74		"	"	2	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours 200 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 7300 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.																
1			E by S.	E S E	2		29.95	75	74	74		ocz	Cir Str	0	S	
2			E	E	3		29.95	75	74	74		"	"	0	"	
3			E S E	S S E	3		29.95	75	74	74		"	"	0	"	
4			E by S.	E S E	4.5		29.95	75	73	72		"	Cir Str	0	"	
5			S E by E	"	4.5		29.95	74	72	72		"	+ Nimb	0	M.	
6			E S E		5		29.96	74	72	72		"	Nimb Str	0	"	
7				E by N.	2.4		29.96	73	71	71		"	"	0	"	
8			E.	E N E	2.5		29.97	73	71	70		ocg	"	0	"	
9			"	E	4.6		29.97	73	71	70		ocgg	"	0	"	
10			"	"	4.6		29.97	73	71	70		ocbgg.	"	0	"	
11			"	"	2.4		29.98	72	70	70		bcg	"	2	"	
Mid.			E by N	"	5.5		29.98	71	70	70		"	"	7	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Friday February 21st, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast first hour partially clear last half. Light breeze to light airs from N by W. to N by W. Moore in hawse port chain on top

Signed C.B.P. Moore
Ensign

From 4 to 8 A.M. Clear and pleasant Light airs to gentle breeze from S.E. Bar rising Smooth sea At 5.30 hove up port anchor. and to 30 fms on stbd chain At 7.20 Flagship made gen sig 3356 At 7.45 prep sig 6144 and at 7.50 gen sig 6144 Answered At 8 crossed 7th yards

Signed L. P. Jouett
Master

From 8 A.M. to Merid. Clear and pleasant hazy around the horizon Light airs to gentle breeze from E.S.E. Bar rising 2996 at noon Sea smooth At 10.40 Flagship made gen sig. 3968 Answered

Signed C. K. Curtis
Lieut

From Merid to 4 P.M. Overcast cloudy and pleasant Light to gentle breeze from E to S.S.E. Bar steady Smooth sea At 1.15 the English man of war "Volage" steamed out of the harbor en route for England

Signed L. P. Jouett
Master

From 4 to 8 P.M. Overcast and pleasant with moderate breeze from E.S.E to E.N.E. Bar steady Moderate sea Squally last hour At 5.45 Hartford made gen sig 3965

Signed C. K. Curtis
Lieut

From 8 P.M. to Mid. Overcast and equally first part with occasional lightening Cloudy and hazy throughout Light to fresh breeze from E. Bar rising slowly. Moderate sea

Signed L. P. Jouett
Master

Moons phase In first qr. Dec. S. S.

Examined and found to be correct.

Signed C. K. Curtis

Navigator.

LOG of the UNITED STATES Steamer Essex , 3d Rate, 6 Guns,

Harbor of Monte Video Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-20						
1			NbE by E.	ENE	2.4		29 98	72	70	70		bc	Cir Str	3	Lb	
2			NbE by N	"	2.4		29 98	72	70	70		"	"	4	"	
3			NNE	"	3		29 98	72	70	70		"	Cir Cum & Str	1	"	
4			N by E	"	3		29 98	72	70	70		"	"	0	"	
5			"	E by N	4		30 02	70	70	70		oc	Cum & Str Nimb	0	S	
6			ESE	"	4		30 05	71	70	70		ocp	"	1	"	
7			"	ENE	4		30 05	71	70	70		bc	"	0	"	
8			"	"	3		30 07	71	70	70		"	Str Nimb	1	"	
9			"	"	4		30 07	72	71	71		"	"	0	"	
10			"	E by N	5		30 07	72	72	71		oc	"	0	"	
11			"	E	5		30 08	73	73	72		"	"	0	W	
Noon.			"	E by S.	7		30 06	73	73	72		ocq	"	0	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours 300 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 2000 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.															
1			E by S.	E	5.7		30 05	73	73	72		ocq	Str Nimb	0	W	
2			ESE	"	5.7		30 03	73	72	72		"	"	0	"	
3			E by S	E by N.	6.7		30 01	74	73	72		bcq	Cum & Str Nimb	1	"	
4			E	E	6.7		30 01	74	73	72		"	Cir Cum & Str Nimb	4	"	
5			E	"	6.7		30 01	74	73	71		bczq	Cir Str	4	"	
6			"	"	6.8		30 01	74	73	71		ocqz.	Nimb Str	0	"	
7			E by S	E by N.	6.7		30 01	74	72	71		"	"	0	"	
8			E	"	7.9		30 00	72	71	68		ocqgl	"	0	"	
9			E	"	7.8		30 00	73	71	69		"	"	0	"	
10			"	"	6.9		30 00	72	71	69		ocqdl	Nimb	0	"	
11			"	ENE	5.8		30 01	72	70	69		"	"	0	"	
Mid.			E by N.	NbE by E.	5.8		30 01	71	69	68		"	"	0	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander N. S Sehley, U. S. Navy,

Saturday February 22nd, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 a M Clear and pleasant first three hours of watch Overcast last hour Gentle breeze from E by S. Long swell from S.E & E.S.E Bar steady Signed L & Curtis Lieut

From 4 a m to Merid Overcast and cloudy with passing showers of rain first hour Gentle to moderate breeze from E by N to E by S. Bar rising At sunrise followed the motions of Flagship in dressing ship same gala in honor of the 147th anniversary of the birth of Geo Washington French Spanish and Italian men of war also dressed mast heads. American Ensign at the main and the Brazilian steamer Amazonas was dressed with rainbow The English men of war dressed mast heads at 8. English R M steamer came in and an American three masted schooner also came in and anchored Flagship made gen sig 3350 at 720

Signed S & Lemly Ensign

From 8 a M to Merid Overcast with clouds Squally last hour Moderate to very fresh breeze from E S E to E by S. shifting gradually. Bar unsteady Smooth to moderate sea At 915 went to quarters and turned in dirty hammocks At 11 veered to 45 fms on riding cable, At noon Flagship fired the national salute today being Washingtons birthday and one of the shore batteries did the same Signed L & P. Jouett Master

From Merid to 4 P M Overcast and cloudy clearing up last hour Stiff to very fresh breeze from E to E by N. blowing in squalls Moderate sea Bar falling slowly. At 1230 let go port anchor veering to 60 fms on starboard and 15 fms on port. Signed S & Lemly Ensign

From 4 to 8 P.M. Overcast cloudy and squally Lightning in the West. last hour Fresh. breeze to strong gale blowing in squalls from East. to E by N. Bar steady Moderate sea Signed L P Jouett Master

From 8 P M to Mid Overcast and cloudy with drizzling rain lightning around horizon Stiff breeze to strong gale from E by N. to N E by E blowing in heavy squalls. Bar steady Moderate sea Signed S & Lemly Ensign

Moons phase In First qr. Dec. N. 3°.

Examined and found to be correct.

(Signed) Lt. Curtis

Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate, 6 Guns,

Harbor of Monte Video Uruguay.

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-2°						
1			E	E by N	5.8		30 01	71	70	70		o c d g l	Nimb	0	M	
2			E by N.	"	5.7		30 01	71	69	69		"	"	0	"	
3			"	"	5.7		29 99	71	67	68		o c r g l	"	0	"	
4			E	"	4.8		29 98	71	66	66		"	"	0	"	
5			"	"	5.7		29 98	71	66	66		b c q	Cum Nimb	0	"	
6			"	"	5.7		29 94	71	69	68		"	"	0	"	
7			"	"	5.7		29 94	71	69	68		"	"	3	"	
8			N.	E N E	5.7		29 93	71	69	68		"	"	3	"	
9			E by N.	N E by E	5.7		29 92	70	70	69		o c q d	"	1	S	
10			"	N E	5.7		29 91	71	71	70		"	"	1	"	
11			E N E	N E by N	5.7		29 88	71	73	72		b c q p	"	0	"	
Noon.			N E	N by E	5.7		29 86	72	73	72		"	Cir Cum & Nimb	3	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° ' "

Longitude by D. R. at Noon — ° ' "

Latitude by Observation at Noon ⊙ — ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ — ° ' "

Current during the time — knots — fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at — ° ' "

Water expended during the preceding 24 hours — 300 gallons.

Water — during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 1700 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " — "

P. M.																
1			S W.	S W	5.7		29 86	73	74	74		o c q t b	Cir & Cum Nimb	8	W	
2			S S W.		3		29 86	72	72	72		b c	Cir Cum	6	"	
3			W S W.	W S W.	3		29 85	72	72	72		"	"	8	"	
4			W by N.	S by W.	2		29 85	72	72	72		"		8	"	
5			S W	S by W.	2		29 84	72	72	72		"	Cir & Cum Nimb	5	"	
6			W.	"	1		29 83	72	73	73		"	Cum Str	7	"	
7			W by S.	W.	1		29 82	72	72	73		"	"	7	"	
8			W	"	1		29 81	72	72	72		b c l	"	9	"	
9			S W.	W S W.	2		29 82	72	71	71		"	"	9	"	
10			"	"	2		29 82	72	71	71		"	"	9	"	
11			S	"	2		29 81	71	71	71		"	"	9	"	
Mid.			"	"	2		29 81	70	71	71		"	"	9	"	

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by — at — ° ' "

under the command of Commander N. S Schley, U. S. Navy,

Sunday February 23d, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A M. Overcast cloudy raing with lightning and squally blowing in strong squalls Moderate gale to Moderate breege from E by N. Bar falling Moderate sea

Signed L P Jouett
Master

From 4 to 8 A M. Overcast and squally with lightning Latter part cloudy and pleasant Stiff to very fresh breege blowing in squall from E by N. and E N E. At 730 Flagship made genl sig 3350 At daylight made out Brazilian vessel of war at anchor in the outter roads

Signed C P T Moore
Ensign

From 8 A M. to Merid. Overcast and cloudy with drizzling rain Blowing in strong squalls Stiff to very fresh breege from N E by E hauling to N by E Bar falling slowly Smooth sea Sent a liberty party of 48 men on shore to return tomorrow morning at 7 oclock P. S. N. steamer came in Veered to 30 fms on port chain

Signed S P Lemly
Ensign

From Merid to 4 P M. Overcast squally and rain Stiff to very fresh breege from S W. At 1.40 a heavy wind and rain came out suddenly from S W. during last three hours Clear and pleasant with gentle breege from W S W. to S by W. At 730 hove up port anchor and hove into 45 fms on stbd chain English gunboat Mallard left the harbor at 1 P M. At 3 the Brazilian ship of war left the harbor

Signed C P T Moore
Ensign

From 4 to 8 P M. Clear and pleasant Light airs to light breege from S W by S. first two hours from W. last two Bar falling slowly. Lightning to N'd & E'd Last hour Hartford made genl sig 2985

Signed S P Lemly
Ensign

From 8 P M to Mid Clear and pleasant Light breege from W S W. Observed lightning from N'd & W. and N'd & E'd

Signed C P T Moore
Ensign

Moons phase In First qr. Dec. N 8.

Examined and found to be correct.

(Signed) C R. Curtis

Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate, 6 Guns,

Harbor of Monte Video Uruguay.

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-20						
1			S SW.	W S W.	3		29 78	71	70	70		bc z l	Str	9	8	
2			S S W.	W by S.	3		29 78	71	70	70		"	"	9	"	
3			SW		1.2		29 78	71	70	70		bg c	"	10	"	
4			"	S W.	3		29 78	71	70	70		bc z l	"	9	"	
5			W by S.	W S W.	3		29 81	71	70	70		bc l	"	9	"	
6			W S W	"	3		29 78	71	68	68		bc	Cir Str	8	"	
7			"	"	3		29 78	70	69	68		"	"	8	"	
8			W by N.	"	3		29 78	70	70	68		"	"	6	"	
9			S W by S.	"	3		29 78	71	70	69		"	"	6	"	
10			"	"	3		29 78	71	70	69		"	"	6	"	
11			"	"	4		29 77	71	70	69		"	"	6	"	
Noon.			"	"	4		29 76	70	70	70		"	"	6	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours 300 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 11400 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.																
1			S by E.	W S W	4		29 75	70	71	70		bc	Cum & Cir Str	6	8	
2			S	"	4		29 75	70	71	70		"	"	8	"	
3			S W.		4		29 73	73	72	71		"	Cum Str	8	"	
4			W S W.	W by S.	4		29 73	73	72	71		"	"	8	"	
5			W	W	4		29 72	73	74	72		"	"	8	"	
6			W by N.	W by N.	4		29 71	73	74	73		"	"	8	"	
7			"	"	3		29 70	72	72	71		"	"	8	"	
8			"	"	3		29 70	72	72	71		"	"	9	"	
9			W N W.	N by W	2		29 70	72	72	71		"		8	"	
10			W	W by N.	2.3		29 70	72	72	71		"	Cirrh	2	"	
11			S W.	S W.	3		29 70	72	71	70		"	"	4	"	
Mid.			S W by S.	"	3		29 70	72	71	70		"	"	6	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander H. S. Schley, U. S. Navy,

Monday February 24th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A M Clear and pleasant Light airs to gentle breeze from S & W to W by S Lightning in the horizon Bar steady

Signed S. B. Lemly
Ensign

From 4 to 8 A M Clear and pleasant Gentle breeze from W S W. Bar steady. Sea smooth Lightning around horizon first hour of watch At 7.35 Flagship made gen'l sig. 33.51 Liberty returned

Signed C. K. Curtis
Lieut.

From 8 A M to Merid Clear and pleasant Gentle to moderate breeze from W. S W. At 9.15 inspected at quarters The following men absent without permission Chas Kelly (Sea) W H Hosmer (Ldg) John Farrar (Do Mr.) E F Berry (OS) Corpl Jones (MC) J H Magee (Do F) John Pratt (Ldg E F) Sent a liberty party on shore Chas Kelly (sea) John Farrar (Do Mr) John Pratt and W H Hosmer (Ldg) and E F Berry (OS) returned on board

Signed C. B. Moore
Ensign

From Merid to 4 P M. Clear and pleasant with moderate breeze from W S W. hauling to W by S. Bar falling Sea smooth Scraping and painting streak

Signed C. K. Curtis
Lieut

From 4 to 8 P M. Clear and pleasant with moderate to light breeze from W by S. hauling to W by N. Corporal Thomas Jones U S M C. returned to ship The British Gunboat "Mallard" came in and anchored

Signed C. B. Moore
Ensign

From 8 P M to Mid Clear and pleasant with gentle breeze from W by N. to S W. Bar steady Long swell Ship rolling some at end of watch

Signed C. K. Curtis
Lieut

Views shore In Instr gr. Dec. N. 13°.

Examined and found to be correct.

(Signed) C. K. Curtis

Navigator.

LOG of the UNITED STATES Steamer Essex , 3d Rate, 6 Guns,

Harbor of Monte Video Uruguay.

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-20						
1			S Wby S.	S Wby S.	3		29 70	72	71	70		bc	fair Cum	8	8	
2			S.	"	3		29 70	72	70	70		"	"	8	"	
3			S S W.	S S W.	4		29 70	71	70	70		"	"	7	"	
4			"	"	4		29 70	71	70	70		"	"	7	"	
5			"	"	4		29 72	71	70	70		"	fair Nimb	6	"	
6			S Wby W.	S W.	3		29 75	71	69	68		"	Nimb Cum	6	"	
7			S W.	S Wby S.	3		29 76	70	69	68		"	"	3	"	
8			"	S S W.	4		29 78	70	68	68		oc	"	0	"	
9			"	"	4		29 78	70	70	68		"	Cum Str + Nimb	0	"	
10			Shyland anchorage	"	4		29 82	72	70	68		"	"	0	"	
11			S by W.	"	4		29 82	72	70	68		bc	Cir Cum + Str	1	"	
Noon.			"	"	4		29 82	72	71	70		"	"	2	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° ' "

Longitude by D. R. at Noon — ° ' "

Latitude by Observation at Noon ⊙ — ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ — ° ' "

Current during the time — knots — fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at — ° ' "

Water expended during the preceding 24 hours — 300 gallons.

Water — during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 1100 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " — "

P. M.															
1			S by W.	S W.	3		29 80	71	71	70		bc	fair Cum	2	8	
2			S.	"	4.5		29 81	72	71	70		"	"	4	"	
3			S by W.	S W by S.	4		29 80	72	72	70		"	"	7	"	
4			S S W	S S W.	3		29 79	72	72	70		"	"	9	"	
5			"	"	3		29 79	73	72	70		"	"	8	"	
6			S W by S	"	3		29 79	75	71	70		"	"	8	"	
7			S.	S by W.	3		29 78	74	71	70		"	"	6	"	
8			S.	S by E	2		29 78	74	71	70		bc d	Cir + Cum Nimb	6	"	
9			S by W.	"	2		29 78	74	71	70		bc z.	Nimb Str	7	"	
10			S.	"	4		29 78	74	71	70		"	"	7	"	
11			S by E	"	4		29 78	72	70	69		"	"	8	"	
Mid.			S.	"	5		29 78	72	69	68		"	"	7	"	

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by — at — ° ' "

under the command of Commander H. S. Schley, U. S. Navy,

Tuesday February 25th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A M Clear and pleasant Gentle to moderate breeze from S W by S to S S W. Bar steady at 29.70

Signed G. F. Moore
Ensign

From 4 to 8 A M. Partly overcast Pleasant weather Moderate and gentle breeze from S S W to S W. Bar rising Smooth sea Liberty party returned on board At 7.30 Flagship made genl sig 3351 Answered

Signed L. P. Jouett
Master

From 8 A M to Merid Generally overcast and pleasant with moderate breeze from S S W to Bar unsteady 29.80 at noon. At 9.30 brought to stbd chain Hove up Starboard anchor and shifted anchorage further in At 10.15 let go stbd anchor in 3 fms water veering to 4.5 fms on stbd chain Bearings (p c) El Morro N W ½ W. W E Corner of Custom House W E by S 3/4 S.

Signed C. K. Curtis
Lieut

From Merid to 4 P M. Clear and pleasant Gentle and stiff breeze from S W to S S W. Bar a little unsteady Smooth sea At 3 Made Int. sig. 2267 Flagship answered 904. Got up and sent the topsails

Signed L. P. Jouett
Master

From 4 to 8 P M Clear and pleasant with gentle breeze from S S W. hauling to S by E. Bar falling Few drops of rain last hour

Signed C. K. Curtis
Lieut

From 8 P M to Mid Clear and pleasant Light to stiff breeze from S by E to S. Bar steady Smooth sea

Signed L. P. Jouett
Master

Moons phase 1st qr. Dec. N. 1.7h

Examined and found to be correct.

(Signed) C. K. Curtis

Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate, 6 Guns,

Harbor of Monte Video Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-2°						
1			Sby W.	S.	3,4		29 80	71	68	67		bc	Cir Cum	6	S	
2			SSW	SSW	3,4		29 82	70	68	66		"	Nimb	4	"	
3			"	"	3,4		29 82	70	67	66		"	"	4	"	
4			SWbyS	"	4		29 82	70	67	66		"	"	4	"	
5			SWbyW	"	4.5		29 82	69	67	66		"	"	6	"	
6			SW	"	3		29 83	69	67	66		"	"	6	"	
7					3		29 85	69	67	67		"	"	4	"	
8			SbyE	SWbyS	3		29 86	68	67	67		bcd	"	2	"	
9			SbyW	SbyW	3		29 87	69	68	67		bc	Nim Cum	2	"	
10				"	3		29 88	70	69	68		"	"	2	"	
11			SbyE	SWbyS	3		29 89	70	69	68		"	"	2	"	
Noon.			SEbyS	"	3		29 89	69	70	69		"	Cir Nim Cum	3	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise " ' "

Variation of the Compass by Azimuth ⊙ observed at " ' "

Water expended during the preceding 24 hours 300 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 800 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.															
1			SSE	SWbyS	3		29 89	69	70	69		bc	Cir Cum	1	S	
2			"	"	3		29 89	69	70	69		"	"	3	"	
3			"	"	3		29 89	69	70	69		"	Cir Cum	5	"	
4			SbyE	SSW	4		29 89	70	70	68		"	"	9	"	
5			S	SbyE	3		29 89	71	69	68		"	Cir	9	"	
6			"	"	2		29 88	71	69	68		"	"	10	"	
7			"	"	2		29 86	71	68	68		b	Nim	10	"	
8			"	"	1		29 86	71	68	68		"	"	10	"	
9					1		29 87	70	69	69		"	"	10	"	
10			SW	WbyS	2		29 87	70	69	69		bg	"	10	"	
11			WSW	W	2		29 87	70	69	69		"	"	10	"	
Mid.			E	"	2		29 87	70	69	69		bgw	"	10	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander H. S. Schley, U. S. Navy,

Wednesday February 26, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A M Clear and pleasant with light to moderate breeze from S & W Bar steady Sea smooth

Signed C K Curtis
Lieut

From 4 to 8 A M Clear and pleasant with drizzling rain last hour Gentle to stiff breeze from S & W. to S W by S. Bar rising slowly At 730 Flagship made gen sig 3350 Liberty party returned with the exception of J B Lynch (Dr Mr)

Signed S B Lemly
Ensign

From 8 A M to Merid Partly clear pleasant weather Gentle breeze from S by W and S W by S. Bar rising Smooth sea The members of the General Court Martial Comdr H S Schley. Lieut C K Curtis Master L C Jouett Jas Hackett (or 2d) and witnesses in his case left the ship at 930 and went on board flagship General signal 3247 was made from flagship J B Lynch (Dr Mr.) returned on board 1 3/4 hours overtime Sent to quarters for inspection at 915

Signed J H. Oliver
Cadet Midshipman

From Merid to 4 P M. Partly cloudy pleasant weather Gentle to moderate breeze from S W by S and S & W. Bar steady General Court adjourned at 330 At 330 Flagship made gen sig 2984

Signed S B Lemly
Ensign

From 4 to 8 P M. Clear and pleasant Gentle breeze to light airs from S by E. Bar falling Smooth sea At 410 the members of the General court martial, prisoner and witnesses returned on board At 640 Flagship made prep. Telegraphic signals 8197 & 1537

Signed J. H. Oliver
Cadet Midshipman

From 8 P M to Mid. Clear and pleasant Hazy around Foreign Light airs to light breezes from S by E and N and E. Bar Steady Smooth sea

Signed S B Lemly
Ensign

Moon's phase First qr. Dec N 21°

Examined and found to be correct.

Signed C K Curtis
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate, 6 Guns,

Harbor of Montevideo Uruguay.

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-2°						
1			NE by N	N. N E.	1		29 87	70	69	69		6z	Horse	10	S	
2			N E.	"	2		29 87	70	69	69		"	"	10	"	
3			N N E.	N E.	2		29 87	70	69	69		"	"	10	"	
4			N E by N.	"	3 4		29 87	70	69	69		"	"	10	"	
5			N E.	"	3		29 87	64	62	62		"	"	10	"	
6			"	"	3		29 87	64	62	62		"	"	10	"	
7			S E	"	3		29 88	64	62	62		"	"	10	"	
8			"	"	3		29 89	65	64	63		"	"	10	"	
9			"	"	2		29 91	67	68	67		6	"	10	"	
10			S E.	E	2		29 91	69	70	69		"	"	10	"	
11			S by E	"	2		29 91	71	71	70		6c	Cir	9	"	
Noon.			S S E	S by E.	3		29 91	71	71	70		"	Cir Str	9	"	

Distance run by Log since preceding Noon . knots fathoms.

Latitude by D. R. at Noon ° ′ ″

Longitude by D. R. at Noon ° ′ ″

Latitude by Observation at Noon ⊙ ° ′ ″

Longitude by Chronometer from Forenoon Observations ⊙ ° ′ ″

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ′ ″

Variation of the Compass by Azimuth ⊙ observed at ° ′ ″

Water expended during the preceding 24 hours 300 gallons.

Water received during the preceding 24 hours 2200 "

Water remaining on hand fit for use at Noon 2700 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.															
1			S E by S.	S W by W.	4		29 90	71	71	70		6c	Cir Str	9	S	
2			"	"	4		29 89	71	71	71		"	"	9	"	
3			"	"	4		29 88	72	72	71		"	"	9	"	
4			"	"	4		29 87	72	73	72		"	"	9	"	
5			S by E	W S W.	2		29 87	74	74	74		"	Cir Str Nim	3	"	
6			S W by S.	"	3		29 87	74	74	74		"	"	2	"	
7			"	"	3		29 85	75	75	74		"	"	2	"	
8			S by W.	S W by W.	3		29 85	75	75	74		"	"	2	"	
9			E S E	S W	2		29 85	75	74	74		"	"	4	"	
10			"	S by W.	1		29 85	74	74	74		"	"	6	"	
11			"	S W	1		29 85	74	74	74		"	"	4	"	
Mid.			"	"	1		29 85	74	74	74		"	"	4	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ′ ″

Longitude by Chronometer from Observations * ° ′ ″

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ′ ″

Variation of the Compass by at ° ′ ″

under the command of Commander N. S. Schley, U. S. Navy,

Thursday February 27th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 a M Perfectly clear and pleasant weather Light airs to moderate breeze from N by W. and W by N. Bar steady Smooth sea
Signed L. P. Jouett
Master

From 4 to 8 a m Clear and pleasant Gentle breeze from W by N. Received fresh provisions for Crew. Rec'd 22 00 gals fresh water
Signed W. D. Moore
Ensign

From 8 a m to Mer'd Clear and pleasant Light to gentle breeze from N to N by E. Bar steady 29.91 At 9.20 Flagship made gen sig 3247 The General Court Martial met at 10. Rec'd on board in Engrs Dept. 3 bbls lime 12 whitewash brushes 12 scrub do. 12 Bristol brick 200 lbs cotton waste 5 lbs lamp wick in Pay Dept. 4 bbls Coffee. 1 pkg blacking in Equipt Dept. 100 fms 3½ in Manilla 105 fms 3 in do 130 fms 2½ do 50 fms 5 in hemp 4 strand 20 lbs pump and 35 lbs rigging leather 10 lbs tallow 500 Dept 40 sheets sand paper 3 lbs copper tacks By order of Commander Michael Cleary (Gen Ord) was confined in double irons for insolence to Cadet Midshipman Cook U. S. N. of the "Hartford"
Signed W. W. Lemly
Ensign

From Mer'd to 4 P M. Clear and pleasant Moderate breeze from S W by W. At 1.20 made Int sig 2984 Flagship answered gen sig 90 4. Rec'd following new gear Fore and main royal halliards Fore and Main topsail clew jiggers The Captain of the Amazonas officially called on Comdg Officer
Signed C. L. Brune
Midshipman

From 4 to 8 P M. Cloudy pleasant weather Light to gentle breeze from W by N and S W by W At 4.05 Court Martial adjourned At 5.30 Flagship made prep sig 6143 and at 5.35 signal of execution and at 6.30 2985 John H. Magee 12 C'd returned on board at 7.30 and was placed in double irons to await the action of the Comdg Officer for overstaying leave 84½ hours and disobeying the orders of his superior officer
Signed W. W. Lemly
Ensign

From 8 P M to Mid Cloudy and pleasant Light breeze to light airs from S W by S. and S W.
Signed W. D. Moore
Ensign

Moons phase 1st qr Dec N 24°

Examined and found to be correct
(Signed) C. F. Curtis
Lieut
Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate, 6 Guns,

Harbor of Monte Video Uraguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										70						
1			E S E	N N W.	3		29 86	72	72	71		bcy	Str	8	8	
2			E by S.	"	3		29 86	72	72	71		"	"	9	"	
3			E by N	N by W.	3		29 86	70	70	70		"	"	9	"	
4			N E	"	3		29 86	70	70	70		"	"	9	"	
5			N W.	N N W.	3		29 86	70	70	70		"	"	9	"	
6			N W by N	"	2		29 87	70	69	68		"	"	9	"	
7			N N W.	"	2		29 88	71	69	68		"	"	9	"	
8			N W by N	N W by N	3		29 89	70	70	69		bc	Cir Str	8	"	
9			N N W.	N N W.	3		29 90	74	72	74		"	"	8	"	
10			N	N S W	3		29 91	74	74	72		"	"	6	"	
11				"	3		29 91	74	75	74		"	"	6	"	
Noon.			S W by S.	"	3		29 91	74	75	74		"	"	6	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° — ′ — ″

Longitude by D. R. at Noon — ° — ′ — ″

Latitude by Observation at Noon ⊙ — ° — ′ — ″

Longitude by Chronometer from Forenoon Observations ⊙ — ° — ′ — ″

Current during the time — knots — fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° — ′ — ″

Variation of the Compass by Azimuth ⊙ observed at — ° — ′ — ″

Water expended during the preceding 24 hours — 300 gallons.

Water — during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 21600 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " — "

P. M.														
1		S S W.	W S W	3	29 89	75	75	75	bc	Cir Cum	8	8		
2		"	"	3	29 88	76	76	76	"	"	8	"		
3		S	"	2	29 87	77	76	76	"	"	9	"		
4		S S E	S W	2	29 85	77	76	76	"	"	9	"		
5		S E by S	S	2	29 85	79	77	77	"	"	9	"		
6		S E	S E	1	29 85	79	77	77	"	"	9	"		
7		E S E	E N E	1	29 84	79	76	76	"	Cir Cum & Str	9	"		
8		E by N	"	1,2	29 87	79	75	75	"	"	7	"		
9		"	"	2,5	29 89	77	75	74	bc ll	"	8	"		
10		E	E	3,5	29 89	76	75	74	bcy	Cir Cum Nimb	5	"		
11		E by N	E N E	1,2	29 89	75	73	72	"	"	4	"		
Mid.		S E	"	1,2	29 89	75	73	72	bc	Cir Str	9	"		

Longitude by Chronometer from Afternoon Observations ⊙ — ° — ′ — ″

Longitude by Chronometer from Observations * — ° — ′ — ″

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° — ′ — ″

Variation of the Compass by — at — ° — ′ — ″

under the command of Commander W S Schley, U. S. Navy,

Friday February 28th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 a M Clear and pleasant Hazy around horizon Gentle breeze from W to W N W and W by N Bar steady Smooth sea

Signed Ellis Lemly
Ensign

From 4 to 8 a M Clear and pleasant Hazy around horizon Light to gentle breeze from W to W N W. to W N W by W Bar rising Sea Smooth At 7 30 Flagship made gen sig 338 f At 750 made prep sig 6069 and at 755 gen sig 6069 At 8 crossed T.G. and royal yards

Signed Lt K Curtis
Lieut

From 8 A M to Merid Cloudy Pleasant Gentle breeze from W N W. first hour W S W remainder of watch At 930 Exercised at fire quarters Engaged in fitting new topsail lifts and jib shut pendants John W Magee (2 cl) was reconfined in double irons by order of Comdg Officer to await action of court martial for overstaying leave 8 1/2 hours and disobeying orders of his superior officer

Signed W D Moore
Ensign

From Merid to 4 P M Clear and warm Gentle breeze from W S W. to light breeze from S W. Bar falling slowly Smooth sea At 1 the members of the General Court Martial the prisoner W L Montgomery (OS) his Counsel and witnesses in his case went to the flagship At 130 the court met At 145 Flagship made prep sig 6222 At 225 we made gen sig 4363 Flagship answered by gen sig got At 320 Flagship made gen sig 2984 At 330 court adjourned At 345 members of the court counsel witnesses and prisoner returned on board Received on board in Equipt Dept 16 lbs bar copper and in Engrs Dept 5 lbs Lampwick and 600 lbs Coke 50 Iron bolts and nuts 100 washers and 12 files Engaged in painting masts and fitting new topsail lifts

Signed James H. Oliver
Cadet Midshipman

From 4 to 8 P M Clear and pleasant Light breeze to light variable airs from S to S W at 635 Flagship made gen sig 6070 answered At sunset sent down royal yards Lightning to S W & W

Signed W D Moore
Ensign

From 8 P M to Merid Clear and pleasant Light airs to light breeze first and last hours blowing in puffs from light to stiff breeze from 9 to 11 Bar steady at 29.89 at 12

Signed L K Curtis
Lieut

Moons phase First qr Dec N 26°

Examined and found to be correct.

Signed L K Curtis
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate, 6 Guns,

Harbor of Monte Video Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-20						
1			NbE	ENE	3		29 89	74	73	72		b	Hons	10	S	
2			"	NbE	3.5		29 88	73	72	72		"	"	10	"	
3			"	"	3.5		29 88	73	72	72		"	"	10	"	
4			"	N	3		29 88	72	71	71		"	"	10	"	
5			NNbW	NNbE	3		29 88	72	71	71		bcg.	Cir Str	7	"	
6			NbW	N	3		29 88	71	71	70		"	Cir Str & Cum	3	"	
7			"	"	3		29 88	72	71	70		"	"	2	"	
8			"	NNbW	3		29 89	73	71	70		"	"	1	"	
9			"	"	3		29 90	75	73	74		"	"	4	"	
10			NNbW	SbyW	2		29 92	75	75	74		bcl	Cir Str	5	"	
11			W	"	3		29 92	75	75	74		"	"	7	"	
Noon.			SW	WSW	0.2		29 91	75	76	75		"	"	9	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ′ ″

Longitude by D. R. at Noon ° ′ ″

Latitude by Observation at Noon ⊙ ° ′ ″

Longitude by Chronometer from Forenoon Observations ⊙ ° ′ ″

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ′ ″

Variation of the Compass by Azimuth ⊙ observed at ° ′ ″

Water expended during the preceding 24 hours 300 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 2100 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.															
1			S	SbyW	3		29 90	77	78	77		bc	Cir Str + Cum	8	S	
2			SbyW	SW	2		29 88	77	78	78		"	"	9	"	
3			S	S.	1.2		29 88	78	79	78		"	"	9	"	
4			"	SSE	2		29 87	79	79	78		"	"	9	"	
5			SEbyS	ESE	2		29 86	79	79	78		"	"	9	"	
6			SEbyE	E	3		29 86	79	79	76		"	"	8.6	"	
7			"	"	3		29 85	78	76	74		"	"	6.8	"	
8			E	"	2		29 85	78	75	74		"	"	6	"	
9			"	ENE	1.2		29 88	77	75	74		"	Str	7	"	
10			ENE	"	2		29 87	77	75	74		"	"	9	"	
11			"	"	1.2		29 87	76	74	73		bcg.	"	9	"	
Mid.			NEbyE	NEbyN	2		29 87	76	74	73		"	"	9	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ′ ″

Longitude by Chronometer from Observations * ° ′ ″

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ′ ″

Variation of the Compass by at ° ′ ″

under the command of Commander W. S Schley, U. S. Navy,

Saturday March 1st, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 a m Clear and pleasant Gentle variable breeze from E by E to N by E during second and third hours had occasional stiff squalls from N by E

(Signed) H. B. T. Moore
Ensign

From 4 to 8 A M. Clear and pleasant Gentle breeze from N by E to N by W. Bar steady Smooth sea At 7 25 Flagship made sig Navy Code Dress ship Uruguay flag at main At 7 30 Flagship made gen sig 335 At 8 Dressed ship Head fashion with Uruguay flag at the main

(Signed) L. P. Jouett
Master

From 8 A M to Mid Clear and pleasant Calms to gentle breeze Bar steady At 9 30 the members of the General Court prisoner and witnesses left the ship At 10 the court met on the Flagship Engaged in scraping and touching up paintwork inboard At 9 45 Flagship made gen sig 324 P.

(Signed) T. M. Trumbo
Cadet Midshipman

From Mid to 4 P M. Clear and warm Gentle breeze from W S W. to light breeze from S S E Bar falling slowly Smooth sea At 115 sent witnesses in case of W. B Montgomery (05) to flagship At 2 40 Flagship ~~made~~ fired salute of 21 guns Uruguayan flag at main At 3 25 members of court prisoner witnesses and counsel returned on board At 335 and English man of war full rigged ship was sighted steaming into the Harbor

(Signed) James N. Oliver
Cadet Midshipman

From 4 to 8 P M. Clear and pleasant Hazy around horizon Light to gentle breeze from E S E to E Bar falling first two hours. steady last two Sea smooth At 4 30 N. S. S. M. ship "Garnet" came to anchor

(Signed) W. L. Jenson
Cadet Midshipman

From 8 P M to Mid Clear and pleasant Light airs to light breezes from E by N to N E by N Bar steady Moderate swell from S E Moon set At 1110

(Signed) S. B. Bibb
Ensign

Moons phase 2d qr Dec N 27°

Examined and found to be correct.

Signed C. F. Curtis
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate, 6 Guns.

Harbor of Monte Video Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-20						
1			S by E	N by E	2		29 88	75	74	73		bc	Cir Str	8	S	
2			"	"	3		29 88	74	73	72		"	"	8	"	
3			N by E by N	N	3		29 88	74	73	72		o.c	Str Nimb	0	"	
4			N	"	3		29 88	73	72	71		"	"	0	"	
5			N by W.	N by W	3		29 87	73	72	71		bc	"	5	"	
6			N by W by N	"	3		29 87	73	72	71		"	"	6	"	
7			"	"	3		29 88	73	72	71		"	"	4	"	
8			"	N by W.	4		29 91	73	72	71		"	"	2	"	
9			S by W.	S by W.	4.6		29 92	74	74	71		bc g	Cirr Nimb Str	7	"	
10			S by W.	W by S.	2		29 93	75	76	75		bc	Cir Str	6	"	
11			S by W.	"	1,2		29 93	76	76	76		"	"	6	"	
Noon.			S by W	W	1,2		29 93	76	77	76		"	Cir Str & Cum	6	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ′ ″

Longitude by D. R. at Noon ° ′ ″

Latitude by Observation at Noon ⊙ ° ′ ″

Longitude by Chronometer from Forenoon Observations ⊙ ° ′ ″

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ″ ′ ″

Variation of the Compass by Azimuth ⊙ observed at ″ ′ ″

Water expended during the preceding 24 hours 400 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 1700 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.															
1			S S W	S	2		29 93	77	78	77		bc	Cir Str & Cum	7	S	
2			S.	"	0,1		29 93	77	78	77		"	Cir Cum	5	"	
3			"	W by S.	0.2		29 93	77	77	77		bc t u	Cum Nimb	2	"	
4			"	S W	2.6		29 92	77	76	77		bc g t o r	Nimb	0	"	
5			S S E	S by E	1		29 90	77	76	76		bc z	Cum & Nimb Str	1	"	
6			"	"	1		29 88	77	76	76		"	"	1	"	
7			"	Calm	0		29 88	77	76	76		oc f.	Nimb Str	0	"	
8			"	N W.	0,1		29 88	76	76	75		"	"	0	"	
9			E by N	"	1.2		29 87	77	76	75		bc z	Cir Cum	8	"	
10			N by E by E	"	1		29 87	76	75	74		"	Cir	8	"	
11			N E	N	2		29 87	75	74	73		"	"	8	"	
Mid.			E	N by W	2,3		29 88	74	73	71		"	"	9	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ′ ″

Longitude by Chronometer from Observations * ° ′ ″

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ′ ″

Variation of the Compass by at ° ′ ″

under the command of Commander W S Schley, U. S. Navy,

Sunday March 2d, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A M Clear and pleasant Bright starlight first two hours Overcast with a few stars visible last two hours Light breeze from N by E to N Bar steady Ground swell first half smooth sea latter half

(Signed) C K Curtis
Lieut

From 4 to 8 A M Clear and pleasant Gentle to moderate breeze from N by W. and N N W. Smooth sea At 7.30 Flagship made Answ sig 3351

(Signed) S C Lemly
Ensign

From 8 A M to Meridn Overcast equally and threatening first hour Wind shifting suddenly to S W by W. at 8.45 Light breeze to light airs rest of watch from W by S. and W. Bar rising slowly Smooth sea The Comdg Officer inspected the ship and crew at quarters at 9.35 Called all hands to muster at 9.45 and read articles for better government of Navy and mustered crew all accounted for

(Signed) L P Jouett
Master.

From Meridn to 4 P M. Cloudy and pleasant first two hours overcast threatening with thunder afterwards Rain squalls last hour Bar steady Smooth sea Calm to fresh breeze from E to W by S.

(Signed) S C Lemly
Ensign

From 4 to 8 P M Cloudy pleasant weather Light airs from E N E Calms and light airs from N W. Bar steady after first hour Smooth sea At 6.30 Flagship made Prep sig 2983

(Signed) C C Moore
Ensign

From 8 P M to Midt Clear hazy and pleasant Calm to gentle breeze from N to N W. Bar steady Smooth sea

(Signed) S C Lemly
Ensign

Moons phase 2d Dec N 26°

Examined and found to be correct.

(Signed) C K Curtis
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate, 6 Guns,

Harbor of Monte Video Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-2°						
1			S E by E	S S W.	1.2		29 89	73	71	70		bc z l	Numb Str	8	S	
2			"	S.	1.4		29 90	74	74	73		bz ql	Horiz	9	"	
3			S " E	"	2.5		29 91	74	76	73		bc z q	"	9	"	
4			S E by S.	"	3.4		29 91	74	72	72		bc l y	Numb Str	9	"	
5			"	S by E	3.5		29 91	74	72	71		"	"	2	Lg	
6			"	S S E	3.4		29 93	73	72	71		"	"	2	"	
7			S " E	S E	3		29 94	73	72	71		"	"	4	"	
8			"	"	3		29 95	73	73	72		"	"	4	"	
9			"	S E by S.	3		29 97	74	74	72		"	Cir Str	8	"	
10			E by S.	S S E	3		29 98	74	74	72		bc	"	9	"	
11			E S E	"	3		29 98	74	73	72		"	"	9	"	
Noon.			S by W	"	3		29 98	74	73	72		"	"	9	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° ' "

Longitude by D. R. at Noon — ° ' "

Latitude by Observation at Noon ⊙ — ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ — ° ' "

Current during the time — knots — fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at — ° ' "

Water expended during the preceding 24 hours — 300 gallons.

Water — during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 1400 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " — "

P. M.																
1			S by E	S by E	3		29 98	72	72	71		bc	Cirlm Str	8	Lg	
2			S S E	"	3		29 98	73	73	72		"	"	8	"	
3			"	"	4		29 98	73	73	72		"	"	8	"	
4			S E by S.	"	4		29 98	74	73	72		"	"	8	"	
5			"	S E	3		29 98	74	73	71		b	Horiz	10	"	
6			E S E	"	3		29 97	73	71	69		"	"	10	"	
7			"	"	4.5		29 96	73	70	68		bc	Str	9	"	
8			S E	S E by E	3		29 96	73	70	68		"	"	9	"	
9			S E by E	S E	3.5		29 96	73	70	68		"	"	9	"	
10			"	S E by S.	3.5		29 96	73	70	68		"	"	9	"	
11			"	"	4		29 96	72	69	68		"	"	9	"	
Mid.			S by E	"	4		29 96	72	69	68		"	"	9	"	

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by — at — ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Monday March 3d, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 P.M. Partly overcast pleasant weather Hazy with lightning Light breeze from S.E. to stiff breeze from S. blowing in squalls Bar rising slowly Smooth sea

(Signed) C. B. T. Moore
Ensign

From 4 to 8 A.M. Cloudy hazy and pleasant Gentle to stiff breeze from Sby E to S.E. During first hour occasional stiff squalls from Sby E at 730 Hartford made gen sig 3356 Answered Bar rising Long swell from S.E.

(Signed) L. P. Jouett
Master

From 8 A.M. to Merid Clear and pleasant Gentle breeze from S.E. to S.Sby.E. Bar steady Smooth sea By order of Comdg Officer released Michael Cleary (Ord Sea) from Confinement and restored him to duty At 930 Flagship made gen sig 3247 and at 10 20 gen sig 5455 Loosed sail to a buntline at 1025 Hoisted whale boat inboard and began repairing it Thos Buckley (Sea) and J. H. Elms (Lds) absent without permission

(Signed) C. C. Lemly
Ensign

From Merid to 4 P.M. Clear and pleasant Gentle to moderate breeze from S.by E. At 310 the General Court Martial adjourned till tomorrow at 2 P.M. The members witnesses and accused returned on board the latter was reconfined At 1 Flagship made prep sig 4826 1.10 furled sail At 330 gen sig 2984 Bar steady Long swell from S.E. and E.

(Signed) C. B. T. Moore
Ensign

From 4 to 8 P.M. Clear cool and pleasant Gentle to moderate breeze from S.E. and S.E. by E. Bar falling slowly Sea smooth Flagship made prep sig 5040 at 5 p.m.

(Signed) L. P. Jouett
Master

From 8 P.M. to Midt Clear and pleasant Gentle to stiff breeze from S.E. and S.E. by S. Occasional stiff squalls Bright moonlight Long swell from S.E. and E.

Signed C. B. T. Moore
Ensign

Moons phase 2d qr Dec N 24°

Examined and found to be correct.

(Signed) C. H. Curtis
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate, 6 Guns,

Harbor of Monte Video Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-2°						
1			E by S	E S E	3,5		29.98	70	68	67		bcq	Str	9	8	
2			E S E	"	3		29.98	70	67	67		bc	"	9	"	
3			S E by E	E	3		29.98	70	67	67		"	"	9	"	
4			E by S.	N	3		29.98	70	67	67		"	"	9	"	
5			E N E	"	3		29.98	64	62	63		"	"	9	"	
6			N N E	"	3		29.99	64	62	63		"	"	9	"	
7			N N by N	N N by W.	3		30.02	66	63	63		"	"	9	"	
8			N	N N W	3		30.04	67	64	64		"	"	9	"	
9			N N W	N W	2		30.05	68	67	67		"	"	9	"	
10			N W	N N W	1		30.07	68	68	68		"	"	9	"	
11			"	"	1		30.07	69	69	69		"	"	9	"	
Noon.			E S E	S.	1		30.06	70	70	70		"	"	9	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours 300 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 1100 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.														
1		S E by S.	S E	2,3	30.05	71	71	70		b	Hone	10	8	
2		"	"	3	30.05	71	71	70		"	"	10	"	
3		S S E	"	3	30.03	71	71	70		"	"	10	"	
4		"	"	3	30.03	71	71	70		"	"	10	"	
5		S E	E S E	4	30.00	71	71	70		"	"	10	"	
6		"	"	4	30.00	71	71	69		"	"	10	"	
7		"	"	3	29.99	72	70	69		"	"	10	"	
8		"	"	2	30.00	71	70	69		"	"	10	"	
9		E	E	2	30.00	70	70	69		"	"	10	"	
10		N E by E	N N E	2	30.00	72	68	68		"	"	10	"	
11		"	"	2	29.99	70	68	67		"	"	10	"	
Mid.		E N E	"	2	29.98	69	66	66		"	"	10	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander W S Schley, U. S. Navy,

Tuesday March 4th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A M Clear Cool and pleasant Wind gentle to stiff from E & S E Hauling to N squally first hour Bar steady (Signed) L P. Jouett
Master

From 4 to 8 A M Clear and pleasant with gentle breeze from N to N N. Smooth sea Bar rising 30 at 8 Received fresh provisions for crew At 730 Flagship made gen sig 3358 Received the following articles in Engrs Dept. 10 zinc slabs 1 Receiver valve stem 1 Indicator plug cork
Signed C K Curtis
Lieut

From 8 A M to Merid Clear Pleasant Light breeze to variable airs from N to E At 915 inspected at quarters Guns after two guns forward ints spare ports At 1130 A. M. S. Garnet fired a salute of 7 guns English flag at the fore (Signed) C C P Moore
Ensign

From Merid to 4 P M Clear and pleasant Gentle breeze from S & E Bar steady first two hours falling last two Sea smooth At 100 Members of the court counsel and prisoner left the ship and returned at 230 At 130 Flagship made gen sig 3218 and at 230 made 3918 and piped down scrubbed hammocks At 3 went to quarters and served out clean hammocks Unbent Jib and spanker stowed them below and bent old ones in place
(Signed) L. P. Jouett
Master

From 4 to 8 P M Clear and pleasant Moderate to light breeze from E S E Dressed quarter deck and made other preparations for entertainment (Signed) C C Lemly
Ensign

From 8 P M to Merid Clear and pleasant Bright moonlight Light breeze from N to N N E Bar falling Sea smooth There was an entertainment given on board by the Condg Officer which lasted until 1000
(Signed) L P. Jouett
Master

Myons pkas 2d qr Dec N 21°

Examined and found to be correct.
Signed C K Curtis
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate, 6 Guns,

Harbor of Monte Video Uruguay.

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-2°						
1			NE	NNE	2		29 97	68	65	64		b	None	10	8	
2			"	"	3		29 97	68	65	64		"	"	10	"	
3			NNE	"	2		29 97	68	65	64		"	"	10	"	
4			"	"	2		29 97	68	66	64		"	"	10	"	
5			NbyE	N	3		29 98	68	66	64		"	"	10	"	
6			NNE	"	3		29 99	64	62	62		bcz	Cir Str	8	"	
7			"	"	3		29 99	63	61	61		"	"	7	"	
8			NbyE	"	3		29 99	65	60	60		"	"	8	"	
9			NNW	NNW	3		29 99	67	68	67		bc	"	8	"	
10			NbyE	"	2		30 00	70	70	69		"	"	8	"	
11			N	N	1,2		30 00	70	72	72		"	"	9	"	
Noon.			NNbyN	NNE	1.2		29 98	71	73	72		"	Str	9	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours 300 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 800 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.															
1			SSE	SE	2.3		29 96	73	73	73		bc	Cir	9	8	
2			S	"	3		29 95	73	74	73		"	Cir Str	9	"	
3			EbyS	"	4		29 94	73	74	73		"	"	9	"	
4			NE	"	5		29 93	74	74	73		"	"	9	"	
5			ESE	SSE	5		29 92	74	73	72		"	"	9	"	
6			EbyS	E	4		29 92	73	73	72		"	"	8	"	
7			EbyN	EbyN	4		29 90	73	72	71		"	"	6	6	
8			E	E	4		29 90	73	72	71		"	"	6	"	
9			ENE	NE	4		29 95	73	71	70		"	Cir	9	8	
10			NE	"	4		29 95	73	71	70		"	"	9	"	
11			NNE	"	5		29 90	72	68	68		"	"	8	"	
Mid.			"	"	6		29 90	71	68	68		"	"	9	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander H. S Schley, U. S. Navy,

Wednesday March 5th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A M Clear and pleasant Light to gentle breeze from N N E Bright moonlight
(Signed) C K Curtis
Lieut

From 4 to 8 A M. Clear and pleasant Gentle breeze from N. Bar unsteady Smooth sea At 730 Flagship made dress sig 3353 At 750 Flagship made prep sig 6071 and at 755 gen sig 6071 Crossed royal yards
(Signed) S C Lemly
Ensign

From 8 A M to Merid Clear and pleasant with light airs & gentle breeze from N N W to N N E Bar unsteady 29.98 at noon Smooth sea At 905 Pacific mail steamer came to anchor received a mail from her At 915 mustered and inspected at quarters Flagship made gen sig 3247 at 930 At 945 members of court counsell and prisoner left the ship bounded and prisoner returned at 11. Ran N. 2 gun salt.
(Signed) H. L. Benson
Cadet Midshipman

From Merid to 4 P M. Clear and pleasant Light to stiff breeze from S E Bar falling Smooth sea Set up courses light sails and flying jib preparatory to bending At 3 the General court adjourned and the members of the court returned on board. At 330 Flagship made gen sig 2984 Received on board in Pay Dept 1 pkg containing 48 prs of shoes also 3 prs mended in all 51 prs.
(Signed) S C Lemly
Ensign

From 4 to 8 P M. Clear and pleasant Moderate to stiff breeze from E S E to N by W. Bar falling Smooth sea first two hours Long swell from S. East two At 520 Flagship made preps sig 6140 at 535 gen sig 6140 Sent down F G and royal yards and F G masts and unbent topsails Made preparations for bending said
(Signed) C V Moore
Ensign

From 8 P M to Mid Clear and pleasant Moderate to fresh breeze from N E Bar falling Moderate swell from S E
(Signed) S C Lemly
Ensign

M Jones phase 2d qr Dec N 16°

Examined and found to be correct.

(Signed) C K Curtis
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate, 6 Guns,

Harbor of Monte Video Uruguay.

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-2°						
1			W by S	W by S	5		29 90	70	67	66		bc	Str	9	8	
2			W S	W S by W	4.5		29 88	70	66	65		"	"	9	"	
3			W S by W	W W S	4.5		29 88	70	66	65		"	"	9	"	
4			W W S	"	4		29 88	69	66	65		"	"	9	"	
5			"	W by S	3.5		29 88	69	66	65		bcq	Cir Str	7	"	
6			W S	W	3.5		29 88	69	66	65		"	"	7	"	
7			"	W by S	4		29 88	69	68	67		bc	"	9	"	
8			"	W	4		29 88	69	71	69		"	"	8	"	
9			W W S	"	3		29 90	71	73	71		bc z	"	7	"	
10			"	"	3		29 90	73	76	73		"	"	8	"	
11			W	"	2		29 89	74	79	76		"	"	8	"	
Noon.			W by W	"	2		29 87	76	79	79		"	"	8	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° ' "

Longitude by D. R. at Noon — ° ' "

Latitude by Observation at Noon ⊙ — ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ — ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at — ° ' "

Water expended during the preceding 24 hours — 100 gallons.

Water Received during the preceding 24 hours — 2,100 "

Water remaining on hand fit for use at Noon — 2800 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " — "

P. M.															
1			W by N	W	2		29 85	77	80	79		bc	Cir Str	9	8	
2			W	"	2		29 83	78	84	80		"	"	9	"	
3			"	E	0.3		29 82	79	84	80		"	Cir Str & Cumul	8	"	
4			E	"	3.4		29 80	78	79	78		"	"	5	"	
5			"	"	3		29 78	78	78	77		bc z	Cir Str	3	"	
6			E S E	"	2		29 78	78	77	76		"	Cir Cum	4	"	
7			E by S	E W E	3		29 78	77	76	76		"	Cir Str	5	"	
8			E	W E	3		29 78	77	76	76		"	"	4	"	
9			W by E	W	3		29 78	77	76	75		"	"	8	"	
10			W	"	4		29 78	77	77	75		"	"	8	"	
11			W W N	W by N	3.4		29 80	77	77	75		"	"	7	"	
Mid.			"	"	3		29 81	77	77	75		"	"	6	"	

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by at — ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Thursday March 6th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A M Clear and pleasant Bright moonlight Moderate to stiff breeze from NbyE to NNE Bar falling Moon set at 328
(Signed) C & T. Moore
Ensign

From 4 to 8 A M. Clear and pleasant Gentle to stiff breeze from NbyE and N blowing in squalls first two hours of watch Received 2100 gals fresh water At 730 Flagship made dress sig 3352 (Signed) C K Curtis
Lieut

From 8 A M to Merid Clear and pleasant Gentle to light breeze from N. Bar falling slowly. Smooth sea At 915 Flagship made prep sig 5521 and at 920 gen sig 5521 At 925 Flagship made prep. 5457 and at 927 made gen sig 5457 We then sent up T.G. masts crossed light yards bent and loosed sail At 930 the members of the General Court martial from this ship went on board the flagship At 10 Flagship made gen sig 3247 and the court convened At 10 flagship made gen sig 4826 and we furled sail
Signed James H. Oliver
Cadet Midshipman

From Merid to 4 P.M. Clear and pleasant calm to moderate breeze from N first two hours coming out from E suddenly at 245 Bar falling slowly Hoisted out whaleboat and painted it Repaired 1st cutter Issued clothing At 130 a Brazilian man of war came in and anchored The Amazonas then got underway and steamed out into outer harbor
(Signed) J C Lemly
Ensign

From 4 to 8 P M Partly overcast cloudy Hazy Pleasant weather Gentle breeze from E to NbE. Bar steady Smooth sea At 530 Flagship made prep sig 6068 and at 535 gen sig 6068 we then sent down light yards At 630 Flagship made gen sig 2985
(Signed) L P. Jouett
Master

From 8 P M to Mid Clear and pleasant Gentle to moderate breeze from N and NbyW Bar rising
(Signed) J C Lemly
Ensign

Moons phase 2d qr Decl N 10°

Examined and found to be correct.

Signed C K Curtis
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate, 6 Guns,

Harbor of Monte Video Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										90						
1			N by W	N by W	2		29 81	76	73	73		b	Horiz	10	8	
2			"	"	2		29 81	76	72	72		"	"	10	"	
3			"	"	1		29 81	75	72	72		"	"	10	"	
4			"	"	1		29 81	74	71	71		"	"	10	"	
5			S by W	W	2		29 81	74	72	71		bcy	Cir Str	7	"	
6			S by W	S S W	3		29 83	74	72	72		"	"	7	"	
7			S by W	S.	2		29 85	74	73	73		"	Str	8	"	
8			S by E	S S W	2		29 86	74	74	74		"	Cir Str	8	"	
9			S W	S by S	2		29 87	75	76	75		"	"	9	"	
10			"	"	2		29 88	77	76	75		"	"	9	"	
11			W S W	"	2		29 88	77	76	75		bc	"	9	"	
Noon.			W	"	3		29 88	76	76	75		"	"	9	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours 300 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 2500 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.															
1			W W	W S W	3		29 88	76	76	76		bc	Cir Cum Str	6	8	
2			W	W	3		29 89	76	76	76		"	"	4	"	
3			W S W	W.	3		29 87	76	76	75		"	"	4	"	
4			W	W S W	3		29 86	75	76	75		"	"	4	"	
5			W by S	W by W.	3		29 86	75	75	75		"	Cir & Cum Nimb	2	"	
6			"		2		29 89	75	74	74		"	"	3	"	
7			W W	W S W	1		29 87	75	73	72		"	Cum & Str Nimb	2	"	
8				W by S.	1, 3		29 87	75	73	72		"	"	1	"	
9			W S W	W N W	2		29 87	75	73	72		"	"	2	"	
10			"	"	2		29 87	75	73	72		"	"	2	"	
11			W	"	2		29 87	75	73	72		"	"	2	"	
Mid.			W N W	"	2		29 87	74	73	72		"	"	2	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander A S Schley, U. S. Navy,

Friday March 7th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A M Clear and pleasant Light airs to light breeze from W to W. Bright Moonlight Bar steady 29.81

Signed C P Moore
Ensign

From 4 to 8 A M Hazy pleasant weather Gentle and light breeze from W to S Bar rising Smooth sea Received fresh provisions on board At 7.45 the Italian Man of war "Governolo" came in and anchored near us At 7.30 Flagship made dress sig 33.81 At 7.50 Flagship made prep sig 61.44 and at 7.55 gen sig 61.44 crossed D E yards at 8.

Signed C P. Jouett
Master

From 8 A M to Merid Clear and pleasant hazy around horizon first two hours light to gentle breeze from S to SW Bar steady Smooth sea At 9.15 went to quarters and exercised divisions at fire quarters

Signed C C Lemly
Ensign

From Merid to 4 P M Cloudy pleasant Gentle breeze from SSW to S & E At 1.00 called all hands to muster published General Order No 7. relative to the sentence of a Naval Court Martial convened for the trials of James Hackett (OS 2 cl) and Wm G Montgomery (OS apprentice) The court sentenced James Hackett (OS 2 cl) To be confined in such places as the Honorable Secretary of the Navy may direct for the term of two years to lose all pay due him for that time excepting two dollars and fifty cents per month amounting to three hundred and twelve dollars and to be dishonorably discharged from the service at the end of confinement The above sentence was mitigated as follows To be confined twelve months to the ships to a loss of three months pay amounting to forty five dollars and ninety cents ($45.90/100) The dishonorable discharge from the service is remitted The sentence will be carried out on board the U S S "Essex" The finding of the Court in the case of Wm G Montgomery (OS apprentice) was "Not Guilty" and the Court did therefore acquit the accused By order of the Comdg Officer Wm G Montgomery (OS apprentice) was restored to duty By order of the Comdg Officer James Hackett (OS 2 cl) was confined on board the ship and made a Prisoner at large in conformity to the above sentences At 2.00 Flagship made Sen sig 33.18 answered and at 3.30 Flagship made prep sig 29.84 answered

(Signed) C P Moore
Ensign

From 4 to 8 P M Cloudy and pleasant Light airs to gentle breeze from SSW to W. Darlington SW to S. Bar steady Made Int. sig 6.07 at 5.30 and Flagship answered and made 9 at 5.35 sent down T G yards and unbent courses and light sails then sent up T G yards

(Signed) C C Lemly
Ensign

From 8 P M to Mid Cloudy and pleasant Light breeze from S W to S at 8.57 sounded and to general quarters Divisions cast loose and ready at 9. 01. 30. Exercised divisions at general quarters Secured at 9.19 Bright moonlight

(Signed) C P Moore
Ensign

Moons phase 2d qr Dec N 4°

Examined and found to be correct.

Signed C H Curtis
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex , 3d Rate, 6 Guns.

Harbor of Montevideo Coast Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-2°						
1			N N W	E N E	3		29 87	72	72	72		bc	Cir Str	8	S	
2			"	N N E	3		29 87	72	72	72		"	"	2	"	
3			N W by W	Calm	0		29 85	72	71	71		oc	Cir Str + Nimb	0	"	
4			"	"	0		29 85	72	71	71		"	"	0	"	
5			W by N	N W by N	0.2		29 83	72	72	72		bc	"	2	"	
6			S W.	"	2		29 83	71	70	70		"	"	6	"	
7			S E	N	2		29 86	71	70	70		"	Cir Cum + Str Nimb	6	"	
8			S E by S.	N W by W.	3		29 88	71	72	72		"	Cum + Cir Str	5	"	
9			S E	W S W.	3		29 88	73	74	74		"	"	4	"	
10			"	S W by W	3		29 89	74	74	74		"	"	6	"	
11			S E by E	S W	3		29 89	74	74	74		"	"	8	"	
Noon.			"	"	3		29 89	74	74	74		"	"	8	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ′ ″

Longitude by D. R. at Noon ° ′ ″

Latitude by Observation at Noon ⊙ ° ′ ″

Longitude by Chronometer from Forenoon Observations ⊙ ° ′ ″

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ′ ″

Variation of the Compass by Azimuth ⊙ observed at ° ′ ″

Water expended during the preceding 24 hours 300 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 2300 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.																
1			S S W.	S W	3		29 89	74	74	74		bc	Cir Str + Cum	8	S	
2			S by W.	S	4		29 89	76	76	75		"	"	8	"	
3			S S E	S S E	5		29 87	76	76	75		"	Cir Cum	8	"	
4			S by W.	S E	5		29 87	75	75	75		"	"	7	"	
5			S S E	E	5		29 88	75	74	74		"	"	6	"	
6			"	"	5		29 88	75	73	73		"	Cir Str	4	S	
7			"	E S E	3		29 87	74	72	72		"	"	5	"	
8			S E	"	3		29 87	74	72	72		"	"	5	"	
9			E S E	"	4		29 89	74	71	70		"	Cir Cum	4	"	
10			"	"	4		29 89	73	70	70		"	"	4	"	
11			"	"	5		29 89	73	70	70		"	Cir Str	8	"	
Mid.			"	"	5		29 89	73	70	68		"	"	6	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ′ ″

Longitude by Chronometer from Observations * ° ′ ″

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ′ ″

Variation of the Compass by at ° ′ ″

under the command of Commander W. S. Schley, U. S. Navy,

Saturday March 8th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A M Clear and pleasant Bright moonlight first two hours. Bar steady Overcast with a few stars visible last two Gentle breeze from E by E to N by E first two Calms last two hours of watch

(Signed) L. H. Curtis
Lieut.

From 4 to 8 A M Cloudy and pleasant Calm to gentle breeze from N to N N. by W Bar rising At 7.30 Flagship made dress Sig. 335

Signed S. B. Lyon
Ensign

From 8 A M to Merid Clear and pleasant Gentle breeze from N N W to S W. At 11.25 Captain of N. M. S. "Garnet" called officially on the Comdg Officer Bar steady 29.89 (Signed) C. P. Moore
Ensign

From Merid to 4 P M Clear and pleasant Gentle to stiff breeze from S W. hauling steadily to S E Bar falling Long swell from S.

Signed L. P. Jouett
Master

From 4 to 8 P M Cloudy and pleasant Stiff to gentle breeze from E to E S E Bar steady latter part obscured moonlight

(Signed) C. P. Moore
Ensign

From 8 P M to Mid Clear and pleasant Bright moonlight Moderate to stiff breeze from E S E Bar steady

(Signed) L. P. Jouett
Master.

Moons phase Full moon Dec 3d

Examined and found to be correct.

Signed L. H. Curtis
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate, 6 Guns.

Harbor of Monte Video Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										20°						
1			SEbyE	ESE	5		29 90	71	69	67		bc	Cir Str	9	M	
2			EbyS.	EbyS	5		29 93	70	68	67		"	"	8	"	
3			"	ESE	4.5		29 93	70	68	67		occ	"	4	"	
4			ESE	"	5.6		29 93	70	68	67		0	Cir & Nimb	0	"	
5			"	"	6		29 92	70	68	67		"	"	0	"	
6			"	"	6		29 95	70	68	67		"	"	0	"	
7			"	SEbyE	6		2997	70	68	67		"	"	0	"	
8			"	SE	6		29 98	69	68	67		"	"	0	"	
9			SE	"	5		30 00	69	68	67		"	"	0	E	
10			SEbyE	"	4		30 00	69	68	67		bc	Cir	2	"	
11			ESE	SEbyE	5		29 99	70	69	68		"	"	1	"	
Noon.			"	"	4		29 99	70	69	68		"	Cir Str	1	"	
P. M.																
1			SE	SE	5		29 98	70	70	68		oc	Str	0		
2			"	"	5		29 97	69	69	68		"	"	0		
3			"	SEbyE	5.6		29 96	69	69	67		occ	"	0		
4			SEbyE	"	5		29 95	68	68	67		oc	"	0		
5			SE	SE	5		29 95	67	66	65		"	Cir Nimb	0		
6			"	"	5		29 92	67	66	65		"	Nimb	0		
7			SEbyE	"	5.6		29 92	67	65	64		"	"	0		
8			SE	"	5.6		29 93	67	66	64		"	"	0		
9			E	E	5.6		29 93	67	65	63		occ	"	0		
10			ESE	"	5.6		29 95	67	65	64		"	"	0		
11			"	"	4.5		29 95	67	65	65		oc	"	0		
Mid.			EbyS.	ESE	4		29 95	67	65	65		"	"	0		

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours 2000 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 2000 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander W. S Schley, U. S. Navy,

Sunday March 9th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant first part. Overcast and squally latter part of watch Fresh to moderate breezes from E.S.E. and E by S. blowing in squalls last hour Bar steady after a rise first hour Moderate sea

(Signed) S B Lemly
Ensign

From 4 to 8 A.M. Overcast and pleasant Fresh breezes from E.S.E. hauling steadily to S.E. Bar rising Moderate sea At 7.30 J. W. Elms (Ldsn) returned on board six days overtime placed in double irons to await action of Comdg. Officer. At 6 A.M.S. "Garnet" got underweigh and shifted her anchorage

(Signed) C K Curtis
Lieut

From 8 A.M. to Merid Partly overcast but pleasant Moderate to stiff breezes from S.E. to S.E. by E. Bar steady Smooth sea At 9.15 inspected at quarters and at 9.30 Comdg Officer inspected ship and crew at quarters

(Signed) G P Moore
Ensign

From Merid to 4 P.M. Overcast pleasant weather Bar falling steadily Stiff to fresh breezes from S.E. and S.E. by E. Moderate Sea Sent a liberty party on shore

(Signed) S B Lemly
Ensign

From 4 to 8 P.M. Overcast pleasant weather Stiff to moderate breezes from S.E. Moderate sea Bar unsteady 29.93 at 8 o'ck At 6.10 Flagship made preps sig 2985 Hit up clothes lines At 7.45 steamer came in from S.

(Signed) G P Moore
Ensign

From 8 P.M. to Midt Overcast cloudy pleasant weather Fresh to moderate breezes from E. to E.S.E. Squally first half of watch Bar steady after a rise in first hour Moderate sea

(Signed) S B Lemly
Ensign.

Moons phase 3d qr Decl S 9°

Examined and found to be correct.

Signed C K Curtis
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate, 6 Guns.

Harbor of Monte Video & Uruguay.

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-2°						
1			S S E	S S E	4		29 93	67	66	65		o c d	Nimbus	0	8	
2			S by E	"	4.5		29 92	66	64	64		"	"	0	"	
3			N E by N	E	4		29 88	65	65	64		o c	Cum Nimb	0	"	
4			N E by E	"	4		29 87	65	66	66		"	"	0	"	
5			S by E	E S E	1.2		29 87	66	66	65		o c d	"	0	"	
6			S S E	S E	1.3		29 90	66	65	65		"	"	0	"	
7			S E by S.	S E by S.	3		29 92	66	65	65		"	"	0	"	
8			"	"	3		29 92	66	65	65		"	"	0	"	
9			S E	S E	2		29 93	67	66	64		b c d	Cumb	0	"	
10			"	"	2		29 93	67	66	65		"	"	0	"	
11			"	"	3		29 93	67	66	65		"	"	0	"	
Noon.			"	"	3		29 93	67	66	65		"	"	0	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° ' "

Longitude by D. R. at Noon — ° ' "

Latitude by Observation at Noon ⊙ — ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ — ° ' "

Current during the time — knots — fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — " ' "

Variation of the Compass by Azimuth ⊙ observed at — " ' "

Water expended during the preceding 24 hours — 300 gallons.

Water — during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 1700 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " — "

P. M.																
1			S S E	S	4		29 93	67	66	65		o c	Cum Nimb	0	6	
2			S E by S.		4.5		29 89	67	66	65		b c q	Cir & Cum Nimb	1	"	
3			S by E	S by E	4.5		29 89	67	66	65		"	"	1	"	
4			S S E	S S E	3.6		29 90	67	66	65		"	"	1	"	
5			S	"	4		29 91	68	67	66		b c	"	1	M	
6			S by E	"	4.5		29 91	68	67	66		"	"	3	"	
7			S by W.	"	4.5		29 91	68	66	65		"	"	5	"	
8			"	"	5		29 91	68	66	65		"	"	7	8	
9			"	"	4.6		29 91	69	67	66		b c q	"	7	"	
10			S by E	"	4.5		29 91	69	67	66		"	"	8	"	
11			S S E	S by W.	4		29 93	69	67	66		b c	"	6	"	
Mid.			S by E	S S W.	4		29 93	69	67	66		"	"	9	"	

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by — at — ° ' "

under the command of Commander H. S Schley, U. S. Navy,

Monday March 10th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 a M Overcast and cloudy Drizzling rain first two hours Gentle to fresh breeze from E S E and E Bar falling

(Signed) Lo B T Moore
Ensign

From 4 to 8 a m Overcast and drizzling rain Light airs to gentle breeze from E S E to S E by S Bar steady At 7 sent mail to Flagship Liberty Party returned on board At 730 Flagship made dress signal 3350

(Signed) Lt. P. Jouett.
Master.

From 8 a M to Merids Overcast cloudy and drizzling rain Light to gentle breeze from S E Bar steady Smooth sea At 915 exercised at general quarters At 940 inspected divisions at quarters with bags Hoisted gig inboard and commenced repairing her. At 10 a m Summary Court Martial composed of Ensign S B Lemly. Ensign L B T Moore and Asst Engr L B Ranson as members and midshipman J M Bramby Recorder convened by order of Commanding Officer Comdr H. S Schley for the trial of John H. Magee (1 C F) for overstaying leave At 1145 the Summary Court adjourned until 1 p m tomorrow Specifications in charge for overstaying leave was furnished J. H. Elms (Ldg) Walter Carter (1 C F) was discharged from this ship and from the naval service and sent ashore with his bag and hammock his term of service Expired on the 6th inst and he waives all claims to any consideration from the U S Government

(Signed) S B Lemly
Ensign

From Merids to 4 P M. Overcast cloudy and cool Gentle to fresh breeze from S to S S E blowing in squalls Long swell At 335 the French Man of war "Bruet" left the harbor for Buenas Ayres.

(Signed) L B T Moore
Ensign

From 4 to 8 P M. Pleasant clearing weather Moderate to stiff breeze from S S E Bar steady Moderate sea At 610 Flagship made gen sig 2984

(Signed) S B Lemly
Ensign

From 8 P M. to Mid. Clear cool and pleasant Bright moonlight Moderate to fresh breeze first two hours in squalls Bar rising Smooth sea

(Signed) B H Curtis
Lieut

Moons phase 3d qr Dec S 15°

Examined and found to be correct.

Signed B H Curtis
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex , 3d Rate, 6 Guns.

Harbor of Monte Video Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										- 2°						
1			S S W	S S W.	4.5		29 93	66	66	65		bcg	fair cums	6	M	
2			"	"	4.5		29 93	66	66	65		"	"	6	"	
3			"	"	4 5		29 93	66	66	65		"	"	6	"	
4			"	"	4.5		29 93	66	66	65		"	"	6	"	
5			S W	"	3		29 93	67	66	65		bc	"	7	S	
6			"	"	2		29 93	67	66	65		"	"	8	"	
7			"	"	2		29 95	67	65	64		"	"	8	"	
8			S S W.	"	3		29 96	67	66	65		"	"	8	"	
9			S by E	S W.	3		29 97	67	66	66		"	"	7	"	
10			S E by S.	S S W.	3		30 00	67	67	67		"	"	8	"	
11			"	S	3		29 99	67	67	67		"	"	8	"	
Noon.			S S E	"	3		29 99	67	68	68		"	"	8	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ′ ″

Longitude by D. R. at Noon ° ′ ″

Latitude by Observation at Noon ⊙ ° ′ ″

Longitude by Chronometer from Forenoon Observations ⊙ ° ′ ″

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise " ′ ″

Variation of the Compass by Azimuth ⊙ observed at " ′ ″

Water expended during the preceding 24 hours 800 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 1200 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.																
1			S S E	S	4		30 00	67	68	68		bc	fair cums	8	W	
2			"	"	4		30 00	68	69	68		"	"	8	"	
3			S W	"	3		30 00	68	69	68		"	"	8	"	
4			W S W	"	3		29 99	68	69	68		"	"	8	"	
5			W by S	S by W	3		29 99	68	69	68		"	"	9	S	
6			W S W	S by E	3		29 99	68	69	68		"	"	9	"	
7			S W by S	S S E	3		30 00	69	68	67		bcz	"	9	"	
8			"	S by E	3		30 01	70	68	67		"	"	10	"	
9			S E	"	2		30 01	69	68	68		bc	"	8	"	
10			S S E	W by S E	1		30 01	69	69	69		"	"	8	"	
11			W	W by E	1		30 01	69	69	69		"	"	8	"	
Mid.			"	"	1		30 01	67	67	67		"	"	8	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ′ ″

Longitude by Chronometer from Observations * ° ′ ″

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ′ ″

Variation of the Compass by at ° ′ ″

under the command of Commander W. S Schley, U. S. Navy,

Tuesday March 11th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A M Cloudy and pleasant Moderate to stiff breeze from S S W blowing occasionally in fresh squalls Moderate sea

(Signed) L P. Jocett
Master

From 4 to 8 A M Clear and pleasant Gentle and light breeze from S S W Bar rising slowly Smooth sea Received fresh provisions on board for crew At 520 Flagship made gen sig 3351 At 755 Flagship made prep sig 5457 and at 757 gen sig 5457 Crossed royal yards and loosed sails at 800

(Signed) W G Lemly
Ensign

From 8 A M to Merid Clear and pleasant Gentle breeze from S to S W. Smooth sea Received official visits from the Comdg Officer of the Magellan Corvette. An American three masted schooner left the harbor at 830 The P S. N Co's steamer left the harbor (Signed) W. F. Moore.
Ensign

From Merid to 4 P M Clear and pleasant Moderate to gentle breeze from S. At 1255 Flagship made prep sig 4826 At 100 furled sail At 115 made intog sig 2258 and answered 904 Unbending sails At 1 Summary Court convened for the trial of J. H Elms (Cds) Court adjourned at 240 Moderate sea

(Signed) C. L. Brune
Midshipman

From 4 to 8 P. M. Clear and pleasant Gentle breeze from S by W to S S E Hazy last two hours Smooth sea Bar slowly rising At 610 Flagship made gen sig 2985

(Signed) W F Moore
Ensign

From 8 P M to Mid. Clear and pleasant Light breeze from S by E first hour airs from N to N by E. Bright moonlight Smooth sea

Remainder of watch light
(Signed) C. L. Brune
Midshipman

Moore plane 3d qr Dec S 20°

Examined and found to be correct.

(Signed) W F Curtis
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate, 6 Guns.

Harbor of Monte Video Uruguay.

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-2°						
1			S E by E	N	2		30 00	66	67	67		bc	fair Str	8	S	
2			S E	"	2		30 00	66	67	67		"	"	8	"	
3			N E by E	"	3		30 00	62	62	62		"	"	9	"	
4			N N W	"	2		30 00	63	62	62		"	"	9	"	
5			N W	N by W	3		30 00	63	62	62		bcz	"	9	"	
6			N W by W	"	3		30 01	61	60	61		"	Cir Cum Str	9	"	
7			N W	N N W	4		30 01	62	60	61		bc	fair Str	9	"	
8				N W by N	3		30 06	63	62	61		"	"	9	"	
9			S S W		3		30 07	65	65	62		"	"	9	"	
10			"	S W W	3		30 09	67	67	65		"	"	9	"	
11			S.	W	3		30 09	68	68	66		"	"	9	"	
Noon.			S by E	W by S.	3		30 07	68	68	67		"	"	9	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise " ' "

Variation of the Compass by Azimuth ⊙ observed at " ' "

Water expended during the preceding 24 hours 300 gallons.

Water Received during the preceding 24 hours 1800. "

Water remaining on hand fit for use at Noon 2900 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon " "

P. M.															
1			S S E	W by S.	3		30 07	69	69	69		bc	fair Str	6	S	
2			S by E	W S W.	3		30 07	70	70	70		"	"	6	"	
3			S S W.	"	3		30 07	71	70	70		"	"	8	"	
4			S W	S W by W.	2		30 06	71	71	71		"	"	8	"	
5			"	"	2		30 05	71	73	73		"	"	8	"	
6			"	"	2		30 05	71	73	73		"	"	8	"	
7			S by E	"	2		30 04	72	72	72		"	"	8	"	
8			"	S W by S.	2		30 04	72	71	71		"	"	9	"	
9			N W	N W by N	0.1		30 05	71	70	70		"	Cirrib	4	"	
10			N W by W	"	0.1		30 06	71	70	70		oc	"	4	"	
11			W S W.	N by E	0.2		30 06	70	70	69		bc	fair Cum	4	"	
Mid.			S E by E	"	0.4		30 06	70	70	68		"	"	6	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander N. S Schley, U. S. Navy,

Wednesday March 12th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A M Clear bright moonlight Gentle breeze from N Bar steady at 3000

(Signed) G K Curtis
Lieut

From 4 to 8 A M Clear and pleasant hazy around horizon first two hours Gentle to moderate breeze from N by E to N E by N At 7 am Argentine gunboat towing an unfinished steamer came in from outer harbor and anchored in inner harbor Crossed T Y yards at 720 Flagship made dress sig 3351 at 730 and prep sig 6071 at 750 signal of execution at 8 crossed royal yards

(Signed) G P Moore
Ensign

From 8 A M to Merid Clear and pleasant Gentle breeze from N E by N to N by E At 915 inspected at quarters Exercised divisions as per routine At 10 confined H H Sheldon (O S 2 cl) in double irons for insolence to Corporal Funk by order of Comdg Officer The Flagship exercised at sail drill

(Signed) G P Jouett
Master

From Merid to 4 P M Clear and pleasant Light to gentle breeze from N by E to S N by W Bar steady At 156 called all hands Arm and away boats All ready at 208 At 1210 Captain of "Governdo" called on Comdg Officer At 330 Flagship made gen sig 2984 Engaged in covering bare stays Received diving apparatus from Flagship made preparations for examining copper Hoisted out gig

(Signed) G Lemly
Ensign

From 4 to 8 P M Clear and pleasant Light breeze from S W by W to S W by S. Diver engaged in examining ships bottom At 605 Flagship made gen sig 6070 At 610 sent down royal yards At 615 mustered at quarters and served out unscrubbed hammocks (Signed) G P Jouett
Master

From 8 P M to Mid Generally clear and pleasant Bright moonlight Overcast at 900 Calms to light airs from N W by N and N N E Bar steady Moon rose at 9 o'clock

(Signed) G Lemly
Ensign

Moons phase 3d qr Dec S 24°

Examined and found to be correct.

Signed G K Curtis
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate, 6 Guns,

Harbor of Montevideo Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										70						
1			SEby S.	N	2		30 05	68	68	68		bcz	Cir Nimb	1	S	
2			SSE	Nby W	2		30 05	68	68	68		ocz	Nimb	0	"	
3			NNW.	NW	3		30 05	68	68	68		ocd	"	0	"	
4			NbyW	NNW	2		30 05	68	66	68		o "	"	0	"	
5			"	"	2		30 05	69	68	68		opl	Cum Nimb	0	"	
6			NW.	"	2		30 10	69	69	68		oc	"	0	"	
7			W.	W	2		30 12	68	69	68		"	"	0	"	
8			S	SEby S.	4		30 13	69	69	68		"	"	0	"	
9			SSE	SSE	3		30 13	69	69	68		"	"	0	"	
10			S	"	2		30 14	69	69	69		odd	"	0	"	
11			SEby S	SE	1.2		30 14	69	69	69		"	Cir Str	0	"	
Noon.			SSE	SSE	1.2		30 15	70	70	70		"	"	0	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours 300 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 2600 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.															
1			SEby S	S.	2	30 15	70	70	70	bc	Nimb Cum Cir	1	S		
2			"	SEby S	2	30 15	71	70	70	"	Nimb Cum	2	"		
3			SE	"	3	30 15	71	70	70	"	Cir Cum	6	"		
4			SEby S	SE	3	30 15	72	70	70	"	"	8	"		
5			"	"	3	30 15	71	69	69	"	"	8	"		
6				"	3	30 15	71	68	69	"	"	8	"		
7			Sby E	"	3	30 15	70	68	67	"	Str	9	"		
8			E	ESE	3	30 15	70	67	66	"	"	9	"		
9			Eby N	"	4.5	30 15	70	67	66	"	Cir	8	"		
10			SE	"	5.6	30 15	70	67	66	bcq	"	8	"		
11			"	"	5.6	30 15	70	67	66	"	Cir Cum	4	"		
Mid.			"	"	4.7	30 15	70	67	66	"	Cir Nimb	et	"		

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander A. S. Selfridge, U. S. Navy,

Thursday March 13th /, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A M Overcast pleasant weather Drizzling rain last two hours Light to gentle breeze from N to N.E. Bar steady Smooth sea

Signed C B T Moore
Ensign

From 4 to 8 A M Overcast First hour light passing rain and lightning Light breeze from N by N to N. At 7 wind suddenly hauled to S.E. by S. Blowing moderate Signed C K Curtis
Lieut

From 8 A M to Merid Overcast pleasant weather Drizzling rain Light airs to gentle breeze from E.S.E. to S.S.E. Bar steady Sea Smooth Divers from Flagship to work on copper under starboard bow Reeved off new falls for Dinghy Turned 2d cutters falls end for end

Signed S G Feerly
Ensign

From Merid to 4 P M Pleasant clear weather Light to gentle breeze from S to S.E. Bar steady Smooth sea At work with diving apparatus on damaged copper on ships bottom Received on board 5 bags of sand

Signed C B T Moore
Ensign

From 4 to 8 P M Clear pleasant weather Gentle breeze from S.E. Bar steady At 4.30 made intog to Flagship 3918 She answered goat At 6.10 mustered at quarters and turned in clean hammocks At 5.15 divers stopped work there being to much sea

Signed L. P. Jouett
Master

From 8 P M to Mid Clear and pleasant Blowing in squalls Moderate to fresh breeze from E.S.E. Bar steady smooth sea

(Signed) C B T Moore
Ensign.

Moons phase 3d qr Dec S. 26°

Examined and found to be correct.

Signed C K Curtis
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate, 6 Guns,

Harbor of Montevideo Uruguay.

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										20						
1			S by E	E S E	1		30 18	69	67	67		bc	fair	9	S	
2			"	E by S.	1		30 18	69	67	67		"	"	8	"	
3			E S E	E	1		30 18	69	67	67		"	"	6	"	
4			E by N.	"	3		30 18	68	67	67		"	"	7	"	
5			N N E	"	3		30 18	68	67	67		"	"	6	"	
6			N N W	N	0.1		30 20	67	66	67		"	"	6	"	
7			N W.	N E	0.1		30 21	67	66	67		"	"	6	"	
8			N by W.	E by N	1.3		30 23	69	67	67		"	"	8	"	
9			N N E	E S E	1		30 25	69	70	69		"	"	7	"	
10			S E	"	3		30 27	69	70	69		"	"	8	"	
11			E S E	S E by E	3		30 28	70	70	69		"	"	7	"	
Noon.			S S E	"	3		30 28	70	70	70		"	"	7	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° — ′ — ″

Longitude by D. R. at Noon — ° — ′ — ″

Latitude by Observation at Noon ⊙ — ° — ′ — ″

Longitude by Chronometer from Forenoon Observations ⊙ — ° — ′ — ″

Current during the time — knots — fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° — ′ — ″

Variation of the Compass by Azimuth ⊙ observed at — ° — ′ — ″

Water expended during the preceding 24 hours — 300 gallons.

Water — during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 2300 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " — "

P. M.																
1			S E	E by S.	3		30 27	70	70	69		bc	fair hums	9	S	
2			S E by E	E S E	3		30 25	70	70	70		"	"	9	"	
3			"	"	3		30 24	70	70	69		"	fair	9	"	
4			"	E by S.	3		30 23	70	70	69		"	fair str	9	"	
5			E S E	E S E	4		30 23	69	69	68		"	fair	9	"	
6			E by S.	S.	4		30 22	70	69	68		"	"	9	"	
7			E	E by S.	4		30 21	70	68	67		b	—	10	"	
8			E by N	E	4		30 21	69	68	67		"	—	10	"	
9			E N E	E by S	4		30 20	69	67	67		bc	fair	9	"	
10			"	"	4		30 20	69	67	67		bcz	"	9	"	
11			"	"	3		30 20	69	67	67		"	"	9	"	
Mid.			E	"	3		30 20	69	67	67		"	"	9	"	

Longitude by Chronometer from Afternoon Observations ⊙ — ° — ′ — ″

Longitude by Chronometer from Observations * — ° — ′ — ″

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° — ′ — ″

Variation of the Compass by — at — ° — ′ — ″

under the command of Commander U. S. Sebley, U. S. Navy,

Friday March 11th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A M. Clear cool and pleasant. Gentle to moderate breeze from E S E to E Bright moonlight Bar steady

(Signed) L P. Jouett
Master

From 4 to 8 A M Clear and pleasant Calms to gentle breeze Bar rising 30.73 at 8. Sea smooth Received fresh provision for crew At 7h Flagship made gen sig 3350 Rigged stages from the bow for divers At 8 dressed ship mast heads Brazilian and Italian Ensigns at main in honor of birth day of Empress of Brazil and King of Italy

(Signed) J C Feely
Ensign

From 8 A M to Merid. Clear and pleasant Moderate to gentle breeze from E S E to S E by E Bar rising Smooth sea At work with diving apparatus on damaged copper of ships bottom Scraping life buoys At 8 Italian man of war "Governolo" fired a salute of 21 guns in honor of the day At 11.30 the English flagship "Garnet" hauled down her dress flags hoisted the English commercial at the fore and blue swallow tail at mizzen topsail yardarms and fired a salute of 15 guns then hoisted dress flags Immediately after this salute a shore fired a salute of 21 guns with the Italian flag hoisted At noon the Italian English and American flagships fired a salute of 21 guns

(Signed) C S T Moore
Ensign

From Merid to 4 P M Clear and pleasant Gentle breeze from E S E and E by S. Bar falling Smooth sea

(Signed)

From 4 to 8 P M Clear and pleasant Moderate breeze from E S E to E Bar falling Smooth sea At 6.10 Flagship made gen sig 2985 At sunset the Italian man of war "Governolo" fired a salute of 21 guns

(Signed) C S T Moore
Ensign

From 8 P M to Mid. Clear cool and pleasant Gentle to moderate breeze from E by S. Bar steady Smooth sea

(Signed)

Moons phase At last qr Dec S. 27°

Examined and found to be correct.

(Signed) C F Curtis
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate, 6 Guns,

Harbor of Monte Video Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-2°						
1			ESE	ENE	2		30 20	69	67	66		bc	Cirrum	8	8	
2			"	"	2		30 20	69	67	66		"	"	8	"	
3			E	"	2		30 19	68	66	66		"	"	8	"	
4			"	"	2		30 18	67	66	66		"	"	8	"	
5			N	N	1		30 19	66	64	64		bcg	Cumb	8	"	
6			"	"	1		30 20	64	63	62		"	"	9	"	
7			N by E	"	1		30 20	65	63	63		"	Cir Str	9	"	
8			N by E	ENE	2.3		30 21	67	65	64		"	"	9	"	
9			N	N by E	3		30 21	67	66	66		"	"	9	"	
10			N by E	N E	3		30 21	68	69	68		bc	"	9	"	
11			ENE	E by S	3		30 20	69	71	68		"	"	9	"	
Noon.			SE by E	"	4		30 20	70	70	68		"	"	9	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° ' "

Longitude by D. R. at Noon — ° ' "

Latitude by Observation at Noon ⊙ — ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ — ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at — ° ' "

Water expended during the preceding 24 hours — 300 gallons.

Water during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 2100 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " — "

P. M.																
1			SE by E	ESE	4		30 19	70	70	69		bc	Cir Str	9	WS	
2			"	SE by E	5		30 18	71	71	69		"	"	9	"	
3			"	"	6		30 15	71	71	69		"	"	9	"	
4			"	"	6		30 15	71	71	69		"	"	9	"	
5			"	E by S	5		30 12	70	70	68		"	"	9	"	
6			ESE	"	6		30 11	70	70	68		"	"	9	"	
7			"	E by N	5.7		30 10	70	69	68		bcz.	"	6	"	
8			E by N	ENE	5.7		30 10	70	69	68		bcgz.	"	9	"	
9			N E	N E by E	5.6		30 10	70	68	66		"	"	9	"	
10			N E by E	"	5.6		30 10	69	67	66		"	"	9	"	
11			"	"	5.6		30 10	67	65	64		"	"	9	"	
Mid.			"	"	5.6		30 10	67	64	64		"	"	9	"	

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by at — ° ' "

under the command of Commander N. S Schley, U. S. Navy,

Saturday March 15th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A M Clear and pleasant Light breeze from E by E.

(Signed) S B Lemly
Ensign

From 4 to 8 A M Hazy pleasant weather Light airs to gentle breeze from NbE & NbE Bar rising slowly Smooth sea At work with diving apparatus on damaged copper of ships bottom At 7.30 Flagship made dress sig 3351 Received shoes in Pay Dept.

(Signed) G B T Moore
Ensign

From 8 A M to Merid. Clear and pleasant Gentle to moderate breeze from NbE to E by S. At work with diving apparatus finished work on damaged copper and rigged stages to examine the rudder At 10.40 called all hands to muster and the findings and sentence of the Summary Court Martial in the cases of James N Elms (Cdr and John H Magee (2 Cdr.) The findings and sentence were approved by the revising authority John H Magee (2 Cdr) was sentenced as follows To deprivation of liberty on shore on foreign station for one year and to loss of pay for 3 months amounting to $78 40/100 for overstaying leave 84 hours and disobeying the lawful order of his superior officer James N Elms (Cdr) for overstaying leave 1140 hours was sentenced as follows To deprivation of liberty on shore on foreign station for six months and to loss of pay for two months amounting to $30 00/100 That part of the sentence relating to loss of pay was referred to the Hon. secretary of the Navy. H. H Sheldon (03 2cl) was by order of the Comdg Officer released from confinement Brazilian Officer paid an official visit on board and returned thanks for our dressing ship yesterday

(Signed)

From Merid to 4 P M Clear and pleasant Moderate to fresh breeze from E S E to S E by E Cleaned rudder and pintles. Returned diving apparatus to "Hartford" At 100 Sent general liberty party on shore extending 48 hours Moderate sea

(Signed) S B Lemly
Ensign

From 4 to 8 P M Clear cool and pleasant Stiff to very fresh breeze from E by S. to E N E blowing in squalls last two hours

(Signed)

From 8 P M to Mid Clear hazy and pleasant Stiff to fresh breeze blowing in squalls from N E by E. Moderate Sea

(Signed) S B Lemly
Ensign

Moons phase Last qr Dec S 25°

Examined and found to be correct.

Signed C K Curtis
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate, 6 Guns,

Harbor of Monte Video Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										20						
1			E by N	N E	4		30 08	65	65	64		bc	Str	9	8	
2			"	"	4.5		30 06	65	64	64		"	"	9	"	
3			"	"	5		30 05	64	63	63		"	"	9	"	
4			E	"	2.5		30 05	64	63	63		"	"	9	"	
5			E N E	"	4		30 07	64	63	63		bc g	fair Str	8	"	
6			N E	"	3		30 10	64	62	62		"	"	9	"	
7			"	"	3		30 09	65	64	64		"	"	9	"	
8			N by E	N E by N	3		30 09	67	65	65		"	"	9	"	
9			"	N N E	3		30 02	68	70	68		"	"	9	"	
10			"	"	2		30 00	70	71	68		"	"	9	"	
11			"	"	2		30 08	71	71	70		"	"	9	"	
Noon.			E by N	E	4.5		30 07	71	72	70		b c g	"	9	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° — ′ — ″

Longitude by D. R. at Noon — ° — ′ — ″

Latitude by Observation at Noon ⊙ — ° — ′ — ″

Longitude by Chronometer from Forenoon Observations ⊙ — ° — ′ — ″

Current during the time — knots — fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° — ′ — ″

Variation of the Compass by Azimuth ⊙ observed at — ° — ′ — ″

Water expended during the preceding 24 hours — 300 gallons.

Water — during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 1800 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " — "

P. M.																
1			E S E	E S E	5		30 05	70	70	70		bc	bir Str	8	8	
2			"	"	5		30 02	71	71	70		"	"	8	"	
3			S E by E	E	5.7		30 00	71	71	70		b c g	"	9	"	
4			E S E	E by S.	5.7		30 00	71	71	70		"	"	9	"	
5			E by S.	"	5.6		30 00	70	71	70		"	"	9	M	
6			"	"	5.6		29 99	71	71	70		"	"	9	"	
7			"	E	4.6		29 98	71	71	70		"	"	9	"	
8			E	E N E	5.6		29 98	71	71	70		"	"	9	"	
9			E by N.	N E	4.6		29 98	70	70	69		"	"	9	"	
10			"	"	4 6		29 98	70	68	68		"	"	9	"	
11			N N E	"	3.1		30 00	69	68	68		"	"	9	"	
Mid.			N E	"	4		30 06	69	67	67		"	"	9	"	

Longitude by Chronometer from Afternoon Observations ⊙ — ° — ′ — ″

Longitude by Chronometer from Observations * — ° — ′ — ″

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° — ′ — ″

Variation of the Compass by — at — ° — ′ — ″

under the command of Commander A. S Schley , U. S. Navy,

Sunday March 16th , 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A M Clear and pleasant Moderate to stiff breeze from NE decreasing at ends of watch Bar falling slowly
(Signed) W H Curtis
Lieut

From 4 to 8 A M Clear cool and pleasant Gentle to moderate breeze from NE to NE by N Hazy around horizon At 730 Flagship made dress sig 3350
(Signed) L P. Jouett
Master

From 8 A M to Merid Clear and pleasant Light to gentle breeze from N NE last hour and suddenly shifted to E blowing moderate to stiff in squalls At 9 J. P. Roberts (Ldg) his term of sentence having expired was released from confinement Confined Michael J. King (Ldg) in conformity with sentence of summary court At 935 Comdg Officer inspected ship and crew at quarters At 10 called all hands to muster when the Comdg Officer read prayers
(Signed) S H Lemly
Ensign

From Merid to 4 P. M. Clear pleasant weather Stiff to very fresh breeze from E SE to E blowing in squalls last two hours Sea smooth Bar falling
Signed W D F Moore
Ensign

From 4 to 8 P M Clear and pleasant Moderate to fresh breeze from E by S. to E by N. Frequent fresh squalls Moderate sea Bar falling slowly 2998. At 610 Flagship made gen sig 2985
(Signed) S H Lemly
Ensign

From 8 P M to Mid Clear and pleasant Bright starlight Gentle to fresh breeze blowing in squalls from N. E. Bar rising
Signed W D F Moore
Ensign

Moons phase Last qr. DEC S 23°

Examined and found to be correct.
(Signed) W H. Curtis
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex ; 3d Rate, 6 Guns,

Harbor of Monte Video Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-20						
1			E by N	N by E	5		30 00	67	67	66		bc	Sto	7	8	
2			E by N	N by E by E	4		30 00	67	67	66		"	bir	8	"	
3			E N E	N by E	5.6		30 00	67	67	66		bcg	bir Str	7	"	
4			E	"	5		30 00	67	67	66		"	"	7	"	
5			N by E	"	5		30 00	67	67	66		"	"	5	"	
6			"	"	5		30 00	67	67	67		"	"	5	"	
7			N N E	N N E	3.5		30 00	67	67	67		"	"	5	"	
8			N by E	N by E	3.4		30 00	68	68	68		"	"	6	"	
9			N by W.	N	4		30 02	71	72	71		bc	"	4	"	
10			"	"	3		30 02	72	74	73		"	"	2	"	
11			N N W	"	2		30 02	73	75	74		"	"	4	"	
Noon.			N W by W.	S W.	3		30 02	74	77	76		"	Nimb & Cir Cum	1	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours 300 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 1500 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.																
1			S E by E	S S E	3		30 01	74	75	74		bc	Cir Cum + Str Nimb Str + Cir Cum S	6	8	
2			S E by S	S E	3		30 01	74	75	74		"		4	"	
3			S E by E	E by S.	3		30 01	74	75	74		bcg	"	4	"	
4			"	E	3		30 00	75	75	75		"	"	2	"	
5			"	E by N	3		30 00	75	75	74		bc	"	4	"	
6			E S E	"	3		30 00	75	75	74		"	"	6	"	
7			"	"	3		30 00	75	75	74		"	"	4	"	
8			E	E	2		30 00	75	75	74		"	"	2	"	
9			N N E	N	1.2		30 00	74	74	72		bcgl	Nimb Str	6	"	
10			N	N N E	3		30 01	74	74	72		"	"	6	"	
11			"	"	3+		30 02	74	74	72		"	Str	9	"	
Mid.			N N E	N E	3		30 03	73	72	72		"	"	9	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander A. S. Schley, U. S. Navy,

Monday March 17th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A M Clear and pleasant Moderate to fresh breezes equally last two hours of watch Bar steady Smooth sea
(Signed) A S Schley
Ensign

From 4 to 8 A M Cloudy and pleasant Gentle to stiff breezes from N by E to N by E frequent stiff squalls At 720 Flagship made genl sig 3351
(Signed) G K Curtis
Lieut

From 8 A M to Merid Clear pleasant weather Light to moderate breezes from N first three hours S & W last hour Bar steady 30 00 at noon At 915 mustered and inspected at quarters Received 18 sheaves in Bureau of Construction and repair
(Signed) G D Moore
Ensign

From Merid to 4 P M Navy pleasant weather partly overcast Gentle breezes from S S E to E. Bar steady Smooth sea Liberty party returned on board Sent a liberty party on shore Received a mail from N. Y. At 325 Flagship made gen sig 2984
Signed L P Jouett
Master

From 4 to 8 P M Clear pleasant weather Gentle breezes from E by N to E Bar steady Sea smooth At 550 Flagship made prep sig 6143 and at 555 made gen sig 6143. Sent down 12 yards
Signed G D Moore
Ensign

From 8 P M to Mid Navy pleasant weather Lightning in the S W. Light airs to light breezes from N to N E. Bar rising steadily Smooth sea
Signed L P Jouett
Master

Moons phase Last qr Dec 8 19°

Examined and found to be correct.
Signed G K Curtis
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex , 3d Rate, 6 Guns.

Harbor of Monte Video Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-2°						
1			N N E	N N E	4		29 98	70	73	72		bcz N	Cir Nimb	4	8	
2			N E by N	N E by N	3.4		29 98	70	73	72		"	"	3	"	
3			"	"	2		29 97	70	73	71		bcz wb	"	2	"	
4			E	N E	3		29 97	71	71	72		"	"	4	"	
5			E S E	E N E	3		2997	71	71	72		bc tb	Cir Nimb + Cum	6	"	
6			"	E	2		29 97	71	71	71		oc	"	0	"	
7			"	"	1.2		30 00	71	71	71		"	"	0	"	
8			S E	S E by E	2		30 00	71	71	71		"	"	0	"	
9			S E by E	E S E	3		30 00	72	71	71		oc d	Nimb	0	"	
10			S E	"	2		30 00	72	71	71		"	"	0	"	
11			S by W	S E	3		30 00	72	71	71		oc r	"	0	"	
Noon.			E S E	E	2		30 00	71	71	71		oc r t	"	0	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours 250 gallons.

Water Received during the preceding 24 hours 1650 "

Water remaining on hand fit for use at Noon 2900 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.															
1			N by W	N N E	2		30 02	71	71	70		oc r	Nimb	0	8
2			"	N	2.4		30 01	71	71	70		"	"	0	"
3			"	"	3		29 98	71	70	70		"	"	0	"
4			S W by W	"	2		29 98	71	70	70		oc p	Cir Nimb	0	"
5			S E by S	N E	1		29 98	71	70	70		oc r	"	0	"
6			"	"	1		29 97	71	70	71		"	"	0	"
7			S E	"	1		2997	70	70	72		oc d	"	0	p
8			S S W	S E	1		29 97	70	70	72		"	"	0	"
9			S W by S	N W	1.2		2996	70	70	70		oc	"	0	"
10			W by S	N	3		29 96	70	70	70		"	"	0	"
11			"	"	3		29 96	70	70	70		bc z	St o Nimb	6	"
Mid.			"	"	3		29 97	69	70	70		"	"	8	"

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander H S Schley, U. S. Navy,

Tuesday March 18th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A M Cloudy damp and hazy weather with lightning last two hours Light to moderate breze from N N E to N E Smooth sea

(Signed) S L Lemly
Ensign

From 4 to 8 A M Generally overcast pleasant weather Thunder and lightning first hour Smooth sea Light airs to gentle breze from E N E to S E by E Bar rising 30.00 at 8. At 730 Flagship made divs sig 3350 and at 750 gen sig 6144 hoisted N G yards at 8 o'clock At 7 water boat came along side

(Signed) W P Moore
Ensign

From 8 A M to Merid Overcast with clouds throughout Drizzling rain first half of watch raining last two hours with thunder last hour Light and gentle breeze from S E to E. Bar steady Smooth sea Rove off topsail halliards end for end and put new sheaves in the blocks. Received on board 1650 galls. fresh water

(Signed) L P Jouett
Master

From Merid to 4 P M Overcast cloudy and rainy Light to moderate breeze from N N E and N Bar falling Long swell from S E and E

(Signed) S L Lemly
Ensign

From 4 to 8 P M Overcast and raining a drizzling rain throughout Light breeze from N E and S E Bar steady Smooth sea.

(Signed) L P Jouett
Master

From 8 P M to Mid Overcast and cloudy first two hours clear and pleasant hazy around horizon last two Light airs to gentle breeze from N W and N.

(Signed) H K Curtis
Lieut.

Moons phase Last qr Dec S 15°

Examined and found to be correct

Signed H K Curtis
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate, 6 Guns.

Harbor of Monte Video Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-2°						
1			SE	E by N E	3		29 97	68	70	70		od	Cir Nimb	0	S	
2			"	"	3		29 98	67	69	69		o	"	0	"	
3			"	"	3		29 98	67	69	69		"	"	0	"	
4			"	"	3		29 98	67	69	68		"	"	0	"	
5			SSE	"	3		29 98	67	69	68		bczl	Nimb Str	1	"	
6			S.	"	1		2998	70	69	68		"	Cum+ Nimb Str	5	"	
7			SSE	"	1		2998	70	68	68		bcz	Cir Cum	7	"	
8			"	S by E	2		2999	70	70	70		"	"	7	"	
9			"	S.	3		30 00	70	70	70		bc	Cir+ Cum Nimb	6	"	
10			"	S by E	3		30 00	70	70	70		"	"	5	"	
11			S E by S.	"	3		30 00	71	70	70		"	"	7	"	
Noon.			SE	"	4		30 00	71	70	70		"	"	7	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time . knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise " ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours 200 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 2600 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.															
1			S E by S.	S by E	4		30 00	71	70	70		bc	Cir+ Nimb Cum	5	S	
2			S S E.	"	4		29 96	72	70	71		"	"	6	"	
3			S by E.	"	4		29 96	72	71	71		"	"	8	"	
4			S.	"	4		29 96	72	71	70		"	"	8	"	
5			S E by S.	S E	4		30 00	72	71	70		"	"	7	S	
6			S E	S E by S	4		30 01	72	71	70		"	"	7	"	
7			"	"	3		30 00	72	70	70		"	"	7	"	
8			"	"	3		30 00	72	70	70		"	Cir Cum	9	S	
9			S E by E	S E	4		30 00	72	70	69		"	"	9	"	
10			E S E	E S E	4		30 00	72	70	69		"	"	9	"	
11			"	E	4		30 00	72	70	69		"	"	9	"	
Mid.			"	"	3		30 00	71	70	69		"	"	9	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Wednesday March 19th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 a m Overcast drizzling rain first hour Gentle breeze from N. by W.
(Signed) L. D. T. Moore
Ensign

From 4 to 8 a m Partly overcast and cloudy with lightning first part of watch Hazy throughout Clearing pleasant weather latter part. Light airs and light breezes from N by W. and S by W. Bar steady Smooth sea At 730 Flagship made gen sig 3351 At 745 Flagship made prep 5457 and at 755 gen sig 0457 At 8 crossed royal yards and loosed sails
(Signed) L. P. Jouett
Master

From 8 a m to Merid. Clear and pleasant with gentle to moderate breeze from S & S by E Bar steady An American three masted schooner came in and anchored P. S. N. Co's steamer left the harbor
(Signed) L. Lemly
Ensign

From Merid to 4 P M Clear and pleasant Moderate breeze from S E. At 230 Flagship made prep sig 4826 at 245 gen sig 4826 Furled sails Put new hammock clothes on waist nettings At 330 Flagship made prep 2984 Confined John Pratt (Ldg) in double irons for using abusive language to a shipmate by order of Lemly Officer
(Signed) L. D. T. Moore
Ensign

From 4 to 8 P. M. Clear and pleasant Gentle to moderate breeze from S E and S E by S Smooth sea At 550 Flagship made prep sig 6070 and at 555 signal of execution
(Signed) L. Lemly
Ensign

From 8 P M to Mid Clear and pleasant Moderate to gentle breeze from S E to E Long swell from S & E
(Signed) L. D. T. Moore.
Ensign

Moon's phase Last qr Dec 8 10h

Examined and found to be correct.
(Signed) C. K. Curtis
Lieut
Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate, 6 Guns.

Harbor of Monte Video Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-2°						
1			E	N	2		30 00	71	70	69		bcsw	Cir	9	8	
2			"	E N E	1		30 00	71	70	69		"	Cir Nimb	9	"	
3			E by N	E	2		30 00	71	68	68		"	Str Nimb	9	"	
4			"	"	2		30 00	71	68	68		"	"	9	"	
5			E	Calm	0		30 01	70	68	68		bc	Cir Nimb	8	"	
6			S E	N E	0.1		30 02	70	68	68		"	"	8	"	
7			"	N	1		30 01	69	68	68		"	"	8	"	
8			"	"	1		30 01	69	73	70		"	"	9	"	
9			S E by E	N N E	2		30 01	70	73	72		"	"	9	"	
10			"	N E by N	3		30 00	71	71	72		"	"	7	"	
11			"	E	4		30 00	71	71	71		"	"	7	"	
Noon.			E	E S E	4		30 00	71	70	70		"	"	7	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° ' "

Longitude by D. R. at Noon — ° ' "

Latitude by Observation at Noon ⊙ — ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ — ° ' "

Current during the time — knots — fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — " ' "

Variation of the Compass by Azimuth ⊙ observed at — " ' "

Water expended during the preceding 24 hours — 300 gallons.

Water — during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 2300 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " — "

P. M.															
1			E by S	E S E	4		29 98	71	72	71		bcg	Cir Cumul	6	8	
2			"	"	4		29 98	71	72	71		"	Cir Str	2	"	
3			"	S E by E	4		29 97	71	72	71		"	Cir Str	2	"	
4			E	S E	4		29 96	71	72	71		oc	Cir Str Nimb	0	"	
5			E S E	E S E	4		29 98	71	72	70		"	Cir Nimb	0	"	
6			"	"	4		29 98	70	70	69		or	"	0	"	
7			"	E	4		29 95	72	70	70		"	"	0	"	
8			E	N E	4		29 95	72	70	70		o	"	0	"	
9			E by S	"	2.4		29 94	72	70	70		occ	"	0	"	
10			"	"	3		29 94	72	70	70		"	"	0	"	
11			"	"	2		29 94	72	70	70		oc	"	0	"	
Mid.			E S E	"	3		29 95	72	70	70		"	"	0	"	

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by — at — ° ' "

under the command of Commander N. S Schley, U. S. Navy,

Thursday March 20th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM Clear but damp hazy around horizon Bar steady 3000 Light airs and breeges from W to S Smooth sea

(Signed) C K Curtis
Lieut

From 4 to 8 AM Clear and pleasant weather Calms to light airs from W & to N At 730 Flagship made dress sig 335. About 630 a Lambert and Holt steamer came in from St Received fresh provisions for crew

(Signed) L. C Lemly
Ensign

From 8 AM to Merid Clear and pleasant Light to moderate breege from W W S to E S E. At 9 inspected and mustered at quarters when the following men John Riley (Sea) Chas Kelly (Sea) James Stevens (A R boats) Philip Kincaide (Lds) W H Keeling (Lds) was reported absent from the ship without permission At 10 the U.S.S.S. Hartford got underway and stood up the river At 1015 Italian gunboat Governiaga came in and anchored Ensign Moore was sent on board extending the usual courtesies At 1030 James Stevens (A B. boat) and Chas Kelly Sea returned on board By order of Comdg Officer confined James Stevens (A B) and Chas Kelly (Sea) in double irons to await trial by Court Martial

(Signed) C D F Moore
Ensign

From Merid to 4 PM Clear and pleasant overcast last hour Hazy around horizon Moderate breege from E S E to S E Bar falling In accordance with recommendation of quarterly board of survey threw 200 lbs of bread dust overboard At 240 the Orderly Sergeant brought John Riley (Sea) 24 hours overleave Finished repairs on the gig

(Signed) L. P. Jouett
Master

From 4 to 8 PM Overcast and cloudy Moderate breege from E S E to N E Occasional light rains

(Signed) C D F Moore
Ensign

From 8 PM to Mid Overcast pleasant weather a few stars occasionally visible Light to moderate breeze from N E Bar steady

(Signed) L. P. Jouett
Master

Moons phase Last qr Dec 8 4°

Examined and found to be correct.

(Signed) C K Curtis
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex , 3d Rate, 6 Guns.

Harbor of Montevideo Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-20						
1			NE	NE	2.3		29 96	71	69	69		oc	Str	0	S	
2			NNW	"	3		29 96	71	69	69		bc	"	1	"	
3			N	"	3		29 95	69	70	70		oc	Nimb Str	0	"	
4			N by W	"	4		29 95	69	70	70		"	"	0	"	
5			"	"	4		29 95	69	68	68		"	"	0	"	
6			"	"	4		29 95	69	68	68		"	"	0	"	
7			NE	NNE	3		29 98	70	67	67		"	"	0	"	
8			ESE	NE by E	2		30 00	70	68	67		"	Cum Str Cir	0	"	
9			E by S	NNE	3		30 00	70	69	70		"	"	0	"	
10			ESE	"	2		30 02	71	71	72		"	"	0	"	
11			E by S	"	3		30 01	72	73	73		bc	"	1	"	
Noon.			E	ENE	2		30 00	74	75	74		"	"	1	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise " ' "

Variation of the Compass by Azimuth ⊙ observed at " ' "

Water expended during the preceding 24 hours 300 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 2000 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.															
			E												
1			ESE	E by S	2.3		30 00	74	74	74		oc	Cir Cum Str	0	S
2			E	ESE	3		30 00	74	74	74		bc	"	1	"
3			E by S	E by S.	3		30 00	74	73	74		oc	"	0	"
4			E	"	3		30 00	74	73	74		bc	"	2	"
5			E by S.	"	4		30 00	74	72	72		"	"	2	"
6			"	ESE	3		30 00	74	72	72		"	Cir Str	3	"
7			"	E	3		30 00	74	72	72		"	Cum Nim	6	"
8			E by N	"	2		30 00	74	71	72		"	"	6	"
9			"	ENE	3		30 00	73	71	70		"	Str	6	"
10			"	"	3.5		30 00	72	70	70		bcq	"	7	"
11			NE	"	4.5		30 00	72	69	69		"	"	7	"
Mid.			"	NE	4.5		30 00	72	68	68		"	"	8	"

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander W. S Schley, U. S. Navy,

Friday March 21st, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A M Overcast cloudy pleasant weather Light to moderate breeze from N E Bar steady Smooth sea

Signed) S L Lemly
Ensign

From 4 to 8 a m Overcast cloudy and pleasant Moderating to light breeze from N E to N by E Received in Pay Dept two boxes shoes Engaged in making preparations to receive coal At 6 30 commenced coaling Received on board 42 tons

Signed) E K Curtis
Lieut

From 8 A M to Merid Generally overcast but pleasant Gentle to light breeze from N N E to E N E Bar falling At 10 P S N Co's steamer came in Received a mail from her At 11 Comdg Officer of Italian gunboat "Confianza" paid an official visit on board Coaling ship Received on board about 51 tons The P S N Co's steamer got underway and steamed down the river about 11 Sent a mail to the flagship

(Signed) L P Jouett
Master

From Merid to 4 P M Overcast cloudy pleasant weather Gentle breeze from E by S and E S E Bar steady Smooth sea. Finished coaling having received 95 tons 1975 lbs

(Signed) S L Lemly,
Ensign

From 4 to 8 P M Clear and pleasant Light to moderate breeze from E S E Bar steady Sea smooth

Signed) L P Jouett
Master

From 8 P M to Mid Partly overcast cloudy pleasant weather Squally last three hours of watch Light to stiff breeze from E N E & N E Bar steady Smooth sea

Signed) S L Lemly
Ensign

Moons phase Last qr Dec N 1°

Examined and found to be correct.

Signed) E K Curtis
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex , 3d Rate, 6 Guns.

Harbor of Monte Video Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-2°						
1			NE by N.	NE	3		30 00	70	68	68		bcz	Cir Nimb	4	S	
2			"	"	4		30 00	70	68	68		"	"	3	"	
3			"	"	4		30 00	70	68	68		"	Nimb	1	"	
4			"	N E by E	4.6		30 00	70	68	68		bczg	"	1	"	
5			"	E N E	3.4		30 00	71	68	68		bcg	Nimb Str	1	"	
6			N E	N E	3		30 00	71	68	68		oc	"	0	"	
7			E N E	"	3		30 02	70	67	67		"	Nimb Str & Cir	0	"	
8			E S E	E N E	3		30 04	71	67	67		"	"	0	"	
9			E	N E	3		30 04	72	69	68		bc	Cir Str	2	"	
10			E N E	"	3.4		30 07	71	71	70		bc/r	Cir Cum & Nimb	2	"	
11			"	"	3.4		30 07	71	71	70		"	"	2	"	
Noon.			"	"	3.4		30 06	71	72	71		"	"	2	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours 400 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 1600 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.													
1		E by N	E	3	30 03	72	74	72	bc	Cir Cum + Nimb	2	S	
2		"	"	4	30 02	73	73	72	"	"	2	"	
3		"	E by N	3.5	30 00	73	73	72	bcg	"	2	"	
4		"	"	3.5	30 00	73	73	72	ocg	"	0	"	
5		N E	N E	2	30 00	73	73	72	oc/r	Nimb Str	0	"	
6		"	N E by E	2	30 00	73	73	72	oc	"	0	"	
7		E N E	"	2	29 98	73	73	72	"	"	0	"	
8		E	E N E	3	30 00	73	73	72	ocr	Nimb	0	"	
9		"	E by N	2.4	30 00	73	71	70	ocg	"	0	"	
10		E by N	"	2.4	30 00	72	70	70	"	"	0	"	
11		"	E N E	2.5	30 00	72	70	70	ocg/r	"	0	"	
Mid.		"	N E by E	2.5	30 00	72	70	70	"	"	0	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander N. E. Schley, U. S. Navy,

Saturday March 22d, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 a M Cloudy cool and hazy weather Gentle to fresh breeze from N E to N E by E in squalls last hour Bar steady at 30 Smooth sea

(Signed) G D F Moore
Ensign

From 4 to 8 a m Overcast pleasant weather Gentle breeze from E N E to N E squally first hour Sea smooth Bar rising 30 04 at 8 oclock

(Signed) L P. Jouett
Master

From 8 A M to Merid Cloudy with occasional passing showers of rain Gentle to moderate breeze from N E At 10 Hartford came in and anchored At 10 15 Summary Court Martial met by order of Commander for the trial of James Stevens (A R bost) and Chas Kelly (Sea) Court composed of Lieut G K Curtis Master L P. Jouett and Ensign G D F Moore as members and Cadet Midshipman J N Oliver as Recorder

(Signed) S G Lemly
Ensign

From Merid to 4 P M Cloudy and overcast Gentle to stiff breeze from E and E by N in squalls last two hours Bar falling At 12 the battery on shore fired a national salute of 21 guns hoisting the German Ensign At 12 20 Court adjourned to await action of revising authority By order of Comdg Officer released John Pratt (Ldg E F) from confinement

Signed G D F Moore
Ensign

From 4 to 8 P M Overcast cloudy pleasant weather Drizzling rain lightly first hour of watch Raining last hour Light to gentle breeze from N E to E N E. Bar unsteady Smooth sea

(Signed) S G Lemly
Ensign

From 8 P M to Mid. Overcast and cloudy with passing showers of rain last two hours wind squally from E by N to N E by E.

(Signed) G K Curtis
Lieut.

Moons phase New Moon Dec N 6°

Examined and found to be correct.

(Signed) G K Curtis
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate, 6 Guns,

Harbor of Monte Video Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-20						
1			NE	NE	4		29 98	72	70	70		ofc	Cum Nimb	0	S.	
2			"	"	5.6		29 98	72	70	70		"	"	0	"	
3			"	"	5.6		29 98	72	70	70		"	"	0	"	
4			"	"	3		29 95	72	70	70		"	"	0	"	
5			NNE	"	3		29 94	72	70	70		ocgl	Nimb	0	"	
6			NE	"	2.1		29 93	72	70	70		bc	"	0	"	
7			NNE	"	2		29 94	72	70	70		"	Nimb Str	0	"	
8			SSE	"	3		29 94	72	70	72		"	"	0	"	
9			E by N	N by E	3		29 93	72	72	72		"	"	0	"	
10			"	N	4		29 94	73	74	73		bc	Cum & Str Nimb	1	"	
11			SE	"	2.4		29 94	74	74	74		"	"	1	"	
Noon.			S E by S.	N E by N	2		29 92	74	75	74		"	Cir Cum & Nimb	2	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° ' "

Longitude by D. R. at Noon — ° ' "

Latitude by Observation at Noon ⊙ — ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ — ° ' "

Current during the time — knots — fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at — ° ' "

Water expended during the preceding 24 hours — 300 gallons.

Water — during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 1300 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " — "

P. M.												
1	SE	E	3	29 90	75	75	74	bc	Cir & Str Nimb	3	S	
2	S E by E	E S E	4	29 87	74	74	74	"	"	3	"	
3	N N E	"	5	29 83	73	73	73	oc	"	0	W	
4	E S E	E by S	5	29 83	73	73	73	"	"	0	"	
5	S E	"	4.5	29 83	73	72	73	bc	"	6	S	
6	S by E	"	3.4	29 82	73	72	74	"	"	2	"	
7	S E	"	3	29 82	73	72	74	bowltr	Nimb	1	"	
8	S E by S.	E	3	29 80	73	72	73	"	"	1	"	
9	S E by E	N	3.5	29 80	74	73	74	orlt	"	0	"	
10	"	S W	3.6	29 82	73	71	72	"	"	0	"	
11	"	"	3	29 80	74	72	72	bc	Cum Nimb	3	"	
Mid.	SE	N W	1	29 80	73	72	72	"	"	9	"	

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by — at — ° ' "

under the command of Commander H. S. Schley, U. S. Navy,

Sunday March 23d, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 a M Overcast and drizzling rain Gentle to fresh breeze from N to E occasional passing showers in squalls (Signed) L P Jouett Master

From 4 to 8 A M Overcast cloudy pleasant weather lightning first hour of watch Light and gentle breeze from N to E Bar steady Smooth Sea Liberty men returned to ship At 730 Flagship made dress sig 3351 (Signed) S B Lemly Ensign

From 8 A M to Merid Overcast cloudy and pleasant Light to moderate breeze from N to N E by N Bar unsteady Andrew Mc Garvey (B. Mr) reported the expiration of his term of service At 915 held divisional inspection Philip Kincade (Lds) and H H Keeling (Lds) absent without permission At 940 Condg Officer inspected the ship and crew at quarters Small liberty party left the ship (Signed) W P Moore Ensign

From Merid to 4 P M. Cloudy and pleasant last two hours overcast Gentle to stiff breeze from E to E S E At 1 wind suddenly suddenly shifted to East. Latter part of watch moderate sea Bar steadily falling At 1 sent special liberty party on shore (Signed) L P. Jouett Master

From 4 to 8 P M. Cloudy and threatening weather Lightning and thunder last two hours in N W and S W with drizzling rain Bar falling slowly Smooth sea Gentle to stiff breeze from E by S and E. (Signed) W P Moore Ensign

From 8 P M to Mid Overcast and disagreeable last two hours clear and pleasant At 830 wind suddenly shifted to N At 930 wind suddenly shifted again to S W. during this period had very heavy rain blowing fresh in squalls and very vivid lightening from S. W. (Signed) L P. Jouett Master

Moons phase First qr Dec N 18°

Examined and found to be correct.
Signed G H. Curtis
Lieut

Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

Harbor of Monte Video Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-2°						
1			S.S.E	W.S.W	2		29 80	73	71	70		bcl	Cum & Str	9	S	
2			S by W	"	2.5		29 80	73	71	70		ocg	Nimb	0	"	
3			W.N.W	W	3.5		29 79	73	71	70		bcg	Cum Nimb	8	"	
4			"	"	3		29 79	73	71	70		"	"	9	"	
5			S.W.	W.S.W	3.6		29 80	73	71	72		ocgw	Nimb	0	"	
6			S by W	S.W by W	4		29 80	73	70	72		bcw	"	1	"	
7			"	"	4		29 84	72	70	72		bc	Cir & Nimb	5	"	
8			"	"	4		29 84	72	70	72		"	Cum & Str Nimb	1	"	
9			"	"	4		29 85	72	70	72		oc	"	0	"	
10			"	"	5		29 87	71	70	70		"	"	0	"	
11			"	"	5		29 88	71	70	70		ocw	"	0	"	
Noon.			"	"	5		29 88	71	70	70		"	"	0	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° ' "

Longitude by D. R. at Noon — ° ' "

Latitude by Observation at Noon ⊙ — ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ — ° ' "

Current during the time — knots — fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at — ° ' "

Water expended during the preceding 24 hours — 300 gallons.

Water — during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 1000 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " — "

P. M.																
1			S by W	S.W by S	2		29 86	71	70	70		bc	Cir Cum	1	S	
2			"	"	2		29 85	71	71	70		"	"	2	"	
3			S.W.	"	3		29 82	73	74	74		"	"	8	"	
4			"	"	3		29 82	73	74	73		"	"	8	"	
5			"	"	3		29 83	73	73	73		"	"	8	"	
6			W.S.W.	"	3		29 83	73	74	73		"	"	8	"	
7			W by S.	"	2		29 82	73	72	73		"	"	6	"	
8			W.	"	2		29 82	73	72	73		"	"	6	"	
9			S.W by W	"	2		29 82	73	72	73		occlt	Cum Nimb	0	"	
10			S.S.W	W.	2		29 83	73	71	70		bcwbtk	"	6	"	
11			"	W.S.W	3		29 83	72	71	70		bcl	"	8	"	
Mid.			S.W.	"	3		29 83	72	71	70		"	Nimb	8	"	

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by — at — ° ' "

under the command of Commander W S Schley, U. S. Navy,

Monday March 24th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 a m Clear and pleasant except second hour of watch Wind light to stiff breeze blowing in squalls from W S W. to N Bar falling Sea smooth (Signed) C K Curtis Lieut.

From 4 to 8 a m Overcast cloudy and pleasant Gentle to fresh breeze from W S W. and S W by W Squally first hour At 7.30 Flagship made dress sig 3351 At 7.50 made interg sig 5455 Flagship answered and made 9 o't At 8 hoisted sail (Signed) Jo S T Moore Ensign

From 8 A M to Merid. Overcast and cloudy Moderate to stiff breeze from S W by S. At 9h 16m 30s called all hands clear ship for action At 9h 29m 30s sounded call to general quarters divisions reported ready as follows 1st Div. 9.31.50 2d Div. 9.31.30 Gun. 9 31 00 Pow. 9.33 30 Eng 9 30 10. Surg. 9.35.00. exercised divisions at general quarters Shifted No 2 gun from Stbd to port in 1m 15s Secured at 9.55.10 At 10.15 made interg sig 4876 Flagship answered 9 o't At 10.20 furled sail (Signed) L P. Jouett Master

From Merid to 4 P M. Clear Pleasant weather Light to gentle breeze from S W by W Bar falling Board of survey condemned 16 lbs ground coffee in Pay Dept At 3.50 Flagship made sig 2980 (Signed) S L Lemly Ensign

From 4 to 8 P M. Clear and pleasant Gentle to light breeze from S W by W At 4.30 Flagship made gen sig 3967 Lightning and high banking clouds in the S & E. Philip Kincade (1st) and W Keeling (2d) was declared deserters by order of Comdg Officer (Signed) L P Jouett Master

From 8 P M to Mid First hour overcast ugly threatening weather with thunder and lightning second hour very heavy hail storm with rain thunder and lightning clearing up last two hours Light to gentle breeze from W to S W. Bar steady (Signed) S L Lemly Ensign

Moons phase First qr Dec 7h 16m

Examined and found to be correct.

(Signed) C K Curtis Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate, 6 Guns,

Harbor of Monte Video Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-20						
1			S.W by S.	W S W.	2		29 86	72	70	70		bc	Cum Str	9		
2			"	"	2		29 87	73	70	70		"	"	9		
3			"	"	1		29 87	72	70	70		"	"	9		
4			"	"	1		29 85	70	69	70		"	"	9		
5			S.W by S.	S W by W	3		29 85	68	67	67		"	Str	9		
6			W S.W by W	W S.W by W	2		29 85	67	65	65		"	"	9		
7			W S.	W S W	2		29 86	67	64	64		bg	Horiz	10		
8			W S.W by W	"	2		29 87	68	66	67		"	"	10		
9			S S.W by S.	W S.W by W	3		29 87	70	69	69		"	"	10		
10			S S E	S W by W	3		29 88	71	71	70		"	"	10		
11			S by E	S W	4		29 88	71	71	70		"	"	10		
Noon.			S.	"	4		29 88	72	71	70		"	"	10		

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours 700 gallons.

Water Received during the preceding 24 hours 2100 "

Water remaining on hand fit for use at Noon 2900 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.											
1	S.W by S.	W	4	29 87	72	73	72	b	Horiz	10	
2	S S.W by W	"	4	29 86	74	74	72	"	"	10	
3	S.W by S.	S.W by S	4	29 85	75	76	72	"	"	10	
4	W	"	3	29 84	74	75	73	"	"	10	
5	W S W	"	3	29 83	74	75	73	"	"	10	
6	W	W N W	1.2	29 83	74	75	74	"	"	10	
7	"	"	2	29 83	74	75	74	"	"	10	
8	"	"	2	29 85	74	74	73	"	"	10	
9	"	"	2	29 85	73	73	73	"	"	10	
10	"	"	1	29 85	72	72	72	"	"	10	
11	S E by E	N N W	1	29 85	71	71	72	"	"	10	
Mid.	"	"	1.2	29 86	71	69	70	bg	"	10	

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander W S Schley, U. S. Navy,

Tuesday March 25th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 A M Clear and pleasant Light breeze to light airs from N S W

(Signed) S D Moore
Ensign

From 4 to 8 A M Clear and pleasant Gentle and light breeze from N by W to W N. Bar rising slowly Smooth sea Received fresh provisions for crew At 7.30 Flagship made dress sig 3350 At 8 dressed ships to mast heads Brazilian ensign at the main Commenced painting ship outside (Signed) G K Curtis
Lieut

From 8 A M to Merid. Clear and pleasant weather Light to moderate breeze from N W by W to N. Bar steady Received following articles in Pay Dept. 250 Hat Bands 9 sacks of bread 50 lbs. Three (3) bbls Sugar 600 lbs one (1) chest Tea 50 lbs. Two (2) cases pickles 100 lbs Two (2) bbls Molasses 40 gals. One (1) cask Vinigar 30 gals In Construction & Repair one (1) cask Alcohol 50 gals Three (3) tins Spirits Turpentine 15 gals Four (4) Kegs white lead 100 lbs Four (4) Kegs white Zinc 100 lbs Two (2) paint brushes Four (4) casks Tools Finished painting ship outside Shifted No 2 Gun forward Received 2400 gals fresh water

(Signed) S B Lemly
Ensign

From Merid to 4 P M Clear and pleasant not a cloud Moderate to gentle breeze from W and N by E. Bar falling slowly Smooth sea Rigging stages for minstrel entertainment to be given this evening

(Signed) S D Moore
Ensign

From 4 to 8 P M Clear pleasant weather Light airs to light breeze from N E by N to N Smooth sea Bar rising 29.65 at 8 A Minstrel performance given by the men Commenced at 7.00 o'clock

(Signed) S. B. Lemly.
Ensign

From 8 P M to Mid Clear and pleasant Breeze by N and variable Bar steady Smooth sea Confined the following men in double irons by order of Comdg Officer for the following offences Patrick Conley (OS) of the U. S. Str "Hartford" resisting the police of the ship N S Saddler (1 C F) for drunkenness and disobedience of orders A Minstrel entertainment

Moons phase First qr Dec N 20°

Examined and found to be correct.

Signed G K Curtis
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate, 6 Guns,

Harbor of Monte Video Uruguay.

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-29						
1			E by N	N N E	3		29 82	69	68	68		bcy	Str	9	S	
2			N E by N	N	3		29 82	68	66	69		"	"	9	"	
3			N N E	"	3		29 82	68	66	67		"	"	9	"	
4			"	"	2		29 82	67	65	66		"	"	9	"	
5			N N	N N W	2		29 83	67	64	63		bc	"	5	"	
6			N N by N	"	2		29 83	67	64	63		"	"	6	"	
7			"	"	2		29 87	68	69	65		"	Cir Str	6	"	
8			N W	N W by N	3		29 88	68	67	66		"	"	7	"	
9			"	N W	3		29 90	70	70	68		"	"	8	"	
10			N E	"	3		29 90	73	73	72		"	"	7	"	
11			S E	N	3		29 90	74	74	73		"	"	7	"	
Noon.			S E by S	W S W.	3		29 88	75	74	73		"	"	7	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ′ ″

Longitude by D. R. at Noon ° ′ ″

Latitude by Observation at Noon ⊙ ° ′ ″

Longitude by Chronometer from Forenoon Observations ⊙ ° ′ ″

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ′ ″

Variation of the Compass by Azimuth ⊙ observed at ° ′ ″

Water expended during the preceding 24 hours 300 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 2600 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.																
1			S E	S W	3		29 85	74	74	74		bc	Cir Str	7	S	
2			"	"	2		29 83	75	75	74		"	"	7	"	
3			E by N	S S E	2		29 81	75	75	75		"	Cir Str & Nimb	7	"	
4			N E	S E	2		29 81	74	75	75		"	"	5	"	
5			"	None	0		29 84	75	75	75		"	"	5	"	
6			E N E	S W.	0,1		29 85	75	75	75		oc	"	2	"	
7			N E by E	None	0		29 83	75	75	75		ocgl	Nimb	0	"	
8			N N E	N E	1,2		29 83	75	74	74		"	"	0	"	
9			E by N	"	3		29 83	75	74	73		ocg	"	0	"	
10			S E	"	1,5		29 83	75	73	73		ocblg	"	0	"	
11			"	S E	3,5		29 84	75	73	73		ocg	"	0	"	
Mid.			"	"	3 5		29 85	75	73	73		"	"	0	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ′ ″

Longitude by Chronometer from Observations * ° ′ ″

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ′ ″

Variation of the Compass by at ° ′ ″

under the command of Commander H S Schley , U. S. Navy,

Wednesday March 26th , 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A M Clear pleasant weather Hazy around horizon Light to gentle breeges from N and N N E Bar steady

(Signed) L P Jouett
Master

From 4 to 8 A M Clear and pleasant Light to gentle from N N W to N W by N Bar rising Sea Smooth At 700 A M the Brazilian man of war "Trojano" got underway and stood down the river Followed Hartford in hoisting colors At 730 Flagship made dress sig 3351 At 750 prep sig 5455 at 755 5455 and at 8. loosed sail to a buntline

(Signed) S B Lemly
Ensign.

From 8 A M to Merid. Clear and pleasant Gentle breeges from N W. to W S W. Bar steady Smooth sea Quarters at 915 By order of Comdg Officer confined the following men in double irons. Jas McCarthy (O S) for being drunk on duty and creating a disturbance on deck Michael Leary (Ord) and Thos W Nesbitt (Arm) for being drunk on duty At 930 Flagship made gen sig 3247 Answered

(Signed) H. S. T. Moore.
Ensign.

From Merid to 4 P M. Partly cloudy and pleasant weather Light to gentle breeges from S W. first two hours shifting to S S E Bar falling Smooth sea At 3 p m. Flagship made gen sig 4826. Furled sail At 330 Flagship made prep sig 2984 At 320 called Arm and Equip all boats provided all articles

(Signed) L P. Jouett
Master.

From 4 to 8 P M Overcast and cloudy pleasant weather Calms and light breeges from S W and W S W Bar a little unsteady Smooth sea Lightning in S W last two hours of watch

(Signed) H S T Moore
Ensign

From 8 P M to Mid Overcast cloudy and unpleasant Drizzling rain 9 to 10 p m Light and stiff breeges from N E first two hours from S E during last two Bar rising

Signed H. K. Curtis
Lieut.

Moons phase First qr Dec N 23°

Examined and found to be correct.

Signed H K Curtis
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate, 6 Guns,

Harbor of Monte Video Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-2°						
1			NNW	SE	3		29 85	73	72	72		oc	Cum Nimb	0	S	
2			"	NW	3.4		29 83	73	72	72		ocl	"	0	"	
3			"	"	3		29 84	72	71	71		"	"	0	"	
4			"	"	3		29 83	71	70	70		"	"	0	"	
5			NW by W	NE	1		29 83	71	70	70		oogd	Nimb	0	"	
6			NW	NNE	1.2		29 83	71	70	70		ocl	"	0	"	
7			NW by W	Calm	0		29 84	70	68	70		ocd	"	0	"	
8			W by S	SW	1		29 85	70	69	70		ocr	"	0	"	
9			S by W	SSE	3		29 87	70	68	69		"	"	0	"	
10			S	"	3.7		29 88	70	68	68		bcg p	Cir Cum Nimb	4	Ms	
11			S by E	"	6.7		29 89	69	68	68		bcg	"	2	R	
Noon.			"	"	5.7		29 90	69	68	68		"	"	5	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours 300 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 2300 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.																
1			SbyE	SbyE	6.7		29 92	71	68	68		bcg	Cir Cum	6	N	
2			"	"	6.7		29 93	70	68	68		"	"	6	"	
3			"	"	6.7		29 95	70	67	66		"	"	6	"	
4			"	"	6.7		29 96	70	66	66		"	"	6	"	
5			S	"	6.8		29 97	70	66	65		"	"	7	"	
6			"	S	6.8		29 98	69	65	65		"	Cir Cum Nimb	5	"	
7			"	"	6.7		29 98	69	65	65		bcgd	Nimb	1	"	
8			"	SbyE	6.8		29 98	69	65	65		bcg	Cum Nimb	3	"	
9			SSE	SSE	6.8		30 00	69	65	65		"	"	6	"	
10			"	"	6.8		30 00	69	65	65		"	"	6	"	
11			SEbyS	SEbyS	6.8		30 02	69	65	65		"	"	6	"	
Mid.			SE	SE	5.8		30 04	69	65	65		"	"	6	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander W S Schley , U. S. Navy,

Thursday March 27th , 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 a m Overcast and cloudy Gentle to moderate breezes from S E to N W. Last three hours during second hour light passing rain squalls
(Signed) S. B Lemly
Ensign

From 4 to 8 A M Overcast cloudy drizzling rain lightning and raining last hour Calms and light airs from N E and S W. Bar rising slowly Smooth sea Received fresh provisions for crew At 7 30 Flagship made dress sig 3351.
(Signed) S B T Moore
Ensign

From 8 A M to Meridn Overcast and cloudy with rain first two hours Gentle to very fresh breezes blowing in heavy squalls from S S E Bar rising steadily Smooth to rough sea By order of Comdg Officer released Thos H Hackett (Ord's) James McCarthy (O S) and Michael Leary (Fireman) from confinement At 1 sent down 75 yards At 10 15 let go port anchor veering to 75 fms on stbd and 30 fms on port chain
Signed L. P. Jouett
Master

From Meridn to 4 P M Clear and pleasant Fresh to very fresh breezes from S by E blowing in squalls Bar rising 29.96 Rough sea Instructed boys in signals
Signed S B Lemly
Ensign

From 4 to 8 P M Partly cloudy with drizzling rain at times Very fresh breezes to moderate gale blowing in heavy squalls Rough sea Bar Steady At 5 40 Flagship made gen sig 2985 (Signed) L. P. Jouett
Master

From 8 P M to Mid Clear and pleasant Fresh breezes from S S E slowly hauling to S E. Frequently during watch blowing moderate gales in squalls Bar rising 30.04
(Signed) S B Lemly.
Ensign

Moons phase 1st qr Dec N. 25°

Examined and found to be correct.
(Signed) C H Curtis
Lieut
Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate, 6 Guns.

Harbor of Monte Video Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										12						
1			SSbyS.	SSbyS.	5.7		30 05	69	65	64		bcq	Nimb & Cir Cum	4	R	
2			SSE	SSE	5.8		30 05	69	64	64		"	"	5	"	
3			SSbyS.	"	5.7		30 05	68	64	64		"	"	4	"	
4			"	SS	4.6		30 05	68	64	64		"	"	6	"	
5			"	"	4.6		30 08	68	64	64		bcqr	Nimb	0	W	
6			"	"	4.6		30 10	68	64	64		bcqfs	Cum Nimb	4	"	
7			"	"	4.5		30 11	68	64	64		bcq	"	4	"	
8			SE	"	4.6		30 13	67	64	64		"	Cir & Cum Nimb	2	"	
9				SSEbyS	5.6		30 15	67	66	65		bc	Cir Cum	4	"	
10			ESE.	"	5		30 15	69	67	66		"	"	4	"	
11				"	5		30 17	69	67	66		"	"	4	"	
Noon.			SE	"	5		30 18	69	67	66		"	"	4	"	

Distance run by Log since preceding Noon	knots		fathoms.
Latitude by D. R. at Noon	°	′	″
Longitude by D. R. at Noon	°	′	″
Latitude by Observation at Noon ⊙	°	′	″
Longitude by Chronometer from Forenoon Observations ⊙	°	′	″
Current during the time knots fms. per hour setting to the			
Variation of the Compass by Amplitude ⊙ observed at Sunrise	"	′	″
Variation of the Compass by Azimuth ⊙ observed at	"	′	″
Water expended during the preceding 24 hours	300 gallons.		
Water during the preceding 24 hours	"		
Water remaining on hand fit for use at Noon	2000 "		
Coal consumed during the preceding 24 hours	tons		lbs.
Coal remaining on hand at Noon	"		"

P. M.															
1			SE	SEbyE	5		30 17	69	67	66		bc	Cir Cum	4	W	
2			SEbyE	"	5		30 18	70	67	66		"	"	4	"	
3			"	"	5		30 18	70	67	66		"	"	2	"	
4			ESE	"	5		30 18	70	67	65		"	"	1	"	
5			"	"	5		30 18	69	66	65		"	"	4	"	
6			"	"	5		30 18	69	65	64		"	"	4	"	
7			"	ESE	5		30 18	69	65	65		"	"	4	"	
8			EbyS	EbyS	6.7		30 18	69	65	65		bcqfs	"	2	"	
9			"	"	4.6		30 18	69	65	65		bcq	Cir Cum & Nimb	6	"	
10			"	"	4.6		30 18	69	65	65		"	"	4	"	
11			"	"	4.6		30 18	69	65	65		"	"	2	"	
Mid.			"	"	4.6		30 20	69	65	64		"	"	5	"	

Longitude by Chronometer from Afternoon Observations ⊙	°	′	″
Longitude by Chronometer from Observations *	°	′	″
Variation of the Compass by Amplitude ⊙ observed at Sunset	°	′	″
Variation of the Compass by at	°	′	″

under the command of Commander W S Schley, U. S. Navy,

Friday March 28th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and ended 4 A M Clear and pleasant Moderate breezes to moderate gale blowing in squalls from S E to S E by S moderating last hour Bar steady Rough sea (Signed) L K Curtis Lieut

From 4 to 8 A M Overcast cloudy and squally weather with rain first two hours Moderate to fresh breezes from S E blowing in squalls Bar rising Moderate sea Long swell from S E At 7.30 Flagship made dress sig 3351 At 7. brought to port chain and hove up port anchor and in to 4 5 fms on stbd chain Signed L P. Jouett Master

From 8 A M to Meridn Clear and pleasant Stiff to fresh breezes from S E to E At 9 exercised division at fire quarters then inspected divisions Fitted new stbd quarter decks hammock cloth Enlisted Nils Larson as Lds. for the "Cruiser of the "Essex" from this date inclusive Moderate sea Bar steadily rising 30.18. (Signed) S. C Lemly Ensign

From Meridn to 4 P M Clear and pleasant Stiff breezes from S E by E Bar steady Moderate sea At 12.45 President and members of Genl Court Martial left the ship returning at 200 At 255 Flagship made prep sig 2984. At 315 called all hands to muster and published proceedings and findings of Summary Court Martials in the cases of Chas Kelly (Seaman) and James Stevens (O B Boy) the former was sentenced to deprivation of liberty for three months and loss of pay for 15 days amounting to 10.65 The latter was sentenced to deprivation of liberty for three (3) months and loss of pay for one (1) month amounting to 26 30/31 Fitted new port hammock cloth (Signed) W S T Moore Ensign

From 4 to 8 P M Cloudy and pleasant Stiff breezes from S E by E to E S E Last hour fresh to very fresh breezes from E by S. Lowering in squalls and passing rain At 5 made int sig 2249 Flagship answered pen. At 5.5 called all hands and sent Courses Moderate sea Bar steady 30.18 (Signed) L. P. Jouett Master

From 8 P M to Mid. Clear and pleasant Moderate to fresh breezes from E by S. Bar rising Moderate sea Moon set about 11 (Signed) W S T Moore Ensign

Moon's phases 1st qr Dec N 26°

Examined and found to be correct.

(Signed) L K Curtis Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate, 6 Guns.

Harbor of Monte Video Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-2						
1			SSE	SSE	5.6		30 20	68	66	66		bcq	Nimb	7	M	
2			"	"	5.6		30 23	68	66	66		"	"	5	"	
3			SE by S	"	5.7		30 23	68	66	66		ocq	"	0	.	
4			E ½ E	"	5.7		30 23	68	66	66		ocqr	"	0	.	
5			E SE	.	5.7		30 23	68	64	64		"	Cir Str & Nimb	2	"	
6			.	.	5.7		30 23	68	64	63		bcq	"	4	.	
7			"	.	5.6		30 25	68	64	63		"	"	4	.	
8			"	.	5.6		30 27	67	64	64		"	.	2	"	
9			SE by E	.	56		30 28	67	65	65		"	"	1	"	
10			E SE	.	5.6		30 29	68	67	67		"	.	1	"	
11			"	.	4.5		30 29	68	69	67		.	Cir Str + Cum	2	.	
Noon.			"	.	4.5		30 29	69	68	66		.	.	3	.	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° — ′ — ″

Longitude by D. R. at Noon — ° — ′ — ″

Latitude by Observation at Noon ⊙ — ° — ′ — ″

Longitude by Chronometer from Forenoon Observations ⊙ — ° — ′ — ″

Current during the time — knots — fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — " — ′ — ″

Variation of the Compass by Azimuth ⊙ observed at — " — ′ — ″

Water expended during the preceding 24 hours — 300 gallons.

Water — during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 1700 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " — "

P. M.															
1			E SE	E by S	5.6		30 28	69	68	66		bcq	Cir Str + Cum	6	M	
2			"	.	4.5		30 26	69	68	66		"	"	6	"	
3			E by S	"	4.5		30 26	69	68	66		"	"	7	"	
4			.	"	4.5		30 25	69	68	66		"	"	8	"	
5			"	"	4.6		30 24	69	67	66		"	"	6	"	
6			E by N	E	4.6		30 25	69	67	65		"	Cir Str	6	"	
7			"	.	4.6		30 25	70	66	65		"	"	8	"	
8			E by S	.	4.6		30 25	69	65	64		"	Cir Cum + Nimb	4	"	
9			"	E ½ E	4.6		30 25	69	65	65		"	Cir Nimb	6	"	
10			E	E by N	5.6		30 25	69	65	65		"	"	7	"	
11			E by N	E ½ E	4.6		30 25	69	65	65		ocq pd	Nimb	6	"	
Mid.			E by S.	E	5		30 25	68	65	65		bc	"	3	"	

Longitude by Chronometer from Afternoon Observations ⊙ — ° — ′ — ″

Longitude by Chronometer from Observations * — ° — ′ — ″

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° — ′ — ″

Variation of the Compass by — at — ° — ′ — ″

under the command of Commander W. S. Schley, U. S. Navy,

Saturday March 29th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 a m Partly clear at first then overcast and cloudy Raining last hour Stiff to very fresh breeze in squalls from E S E Bar rising and high Moderate sea

(Signed) L. P. Jouett
Master

From 4 to 8 a m Cloudy and disagreeable Fresh to very fresh breeze frequent squalls first part of watch frequent rain showers An American ship came in and anchored during the night Bar rising 30.28 Moderate sea

(Signed) L. N. Curtis
Lieut

From 8 a m to Merid Partly overcast clearing up at end of watch. Moderate to fresh breezes from E S E Moderate sea Bar rising 30.29. At 10 45 Comdr in Chief came on board for semi annual inspection was received with crew at quarters he inspected ships and crew at quarters immediately after sounded the assembly and had dress parade

(Signed) L. D. T. Moore
Ensign

From Merid to 4 P M Clear and pleasant Fresh to moderate breeze blowing in squalls Bar falling Moderate sea At 1 cleared ship for action then went to general quarters and the Comdr in Chief inspected afterwards went to fire quarters then armed and equipped boats but did not lower them

(Signed) L. P. Jouett
Master

From 4 to 8 P M Clear and pleasant Moderate to fresh breeze from E by S. to E blowing in squalls Bar 30.25 Moderate sea At 4 05 made gen sig 2373 to Flagship At 4 40 Comdr in Chief left the ship At 5 o'clock called all hands to muster and published General order No 9

Signed L. D. T. Moore
Ensign

From 8 P M to Mid Partly cloudy overcast and squally occasional drizzling rain third hour of watch Fresh to moderate breeze blowing in strong squalls first three hours of watch dying down to gentle breeze last hour Bar high and steady Moderate sea Moon set at 9 50

Signed L. P. Jouett
Master

Moons phase 1st qr Dec N 26°

Examined and found to be correct.

Signed L. N. Curtis
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex , 3d Rate, 6 Guns.

Harbor of Montevideo Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-2°						
1			E by N	E by N	3		30	25	65	65		bcz	Cir Nimb	2	Lb	
2			N E by E	E N E	2		30	25	65	65		"	"	3	"	
3			E N E	"	2.4		30	25	65	65		"	"	4	"	
4			E by S.	"	3.4		30	25	64	63		"	"	6	"	
5			"	E S E	3.5		30	25	65	65		ocdq	"	0	"	
6			E N E	E by N	3.5		30	25	67	66	66	bcq	Cum K Cir Str	4	"	
7			N	N E	1.3		30	27	67	66	66	bc	"	1	"	
8			"	"	1.2		30	27	67	66	66	"	"	1	"	
9			N E	E N E	3.5		30	27	68	68	67	ocq	Nimb Cum	6	Lb	
10			E by N	E by N	4.5		30	29	69	68	67	"	"	0	"	
11			"	"	4.6		30	29	69	69	68	"	"	0	"	
Noon.			E by S	E	3.5		30	29	70	70	69	bcq.	Cir K Nimb Cum	1	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° ' "

Longitude by D. R. at Noon — ° ' "

Latitude by Observation at Noon ⊙ — ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ — ° ' "

Current during the time — knots — fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — " ' "

Variation of the Compass by Azimuth ⊙ observed at — " ' "

Water expended during the preceding 24 hours — 200 gallons.

Water — during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 1400 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " — "

P. M.												
1		E by S	E by N	3.5	30	28	69	69	68	bcq	Cir K Nimb Cum	1	Lb	
2		"	N E	4.6	30	28	69	68	68	ocq r	Nimb	0	"	
3		"	E N E	3.5	30	27	69	66	67	oc q r	Str K Nimb	0	"	
4		"	N E by E	2.6	30	27	68	66	67	"	"	0	M	
5		E	E by N	3.5	30	27	68	66	66	"	Cum K Nimb	0	"	
6		"	E	3.5	30	25	68	66	66	ocq	Nimb	0	"	
7		E by S	E by N	3.5	30	25	68	66	66	"	"	0	"	
8		E	E N E	3.5	30	25	68	66	66	"	"	0	"	
9		"	E	3.5	30	28	68	65	65	"	"	0	"	
10		"	E by N	3.6	30	28	68	65	65	bcq	Str K Nimb	1	"	
11		"	N E	3.5	30	28	68	65	65	"	"	5	"	
Mid.		"	"	3.4	30	28	68	64	64	bc	"	0	"	

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by — at — ° ' "

under the command of Commander W S Schley, U. S. Navy,

Sunday March 30th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 a m Cloudy cool and hazy weather light to moderate breeze from E by N and E N E Bar steady 30.25 Long swell from S by E Ship rolling considerably (Signed) J L Semly Ensign

From 4 to 8 a m Partly overcast but pleasant Drizzling rain first hour Light airs to stiff breeze Squalls first two hours from E S E to N E Long swell from S. At 7.00 liberty party returned to ship except Chas ~~Hudgins~~ Wilson (Sea) The French gunboat Bruat came in and anchored about 7.30 At 7.30 the Italian gunboat "Vedetta" got underway under sail and stood up the river At 7.30 Flagship made Answ sig 33.51 (Signed) G D F Moore Ensign

From 8 a m to Merid. Overcast cloudy pleasant weather Fresh to gentle breeze in strong squalls from E N E to E Bar high and steady Smooth sea Mustered and inspected divisions at quarters at 9.20 At 9.30 the Comdg Officer inspected ship and crew at quarters and read prayers immediately afterwards Chas Wilson (Sea) was reported absent without permission he afterwards came on board 3 3/4 hours over time (Signed) L P. Jouett Master

From Merid to 4 P M Overcast cloudy and squally Raining last three hours every few minutes Light to fresh breeze from E by N to N E. blowing in strong squalls Bar slowly falling Sent liberty party on shore (Signed) J L Semly Ensign

From 4 to 8 P M. Overcast cloudy and squally Passing rain showers first hour Stiff to gentle breeze in strong squalls. Bar high and falling slowly Moderate sea (Signed) L P. Jouett Master

From 8 P M to Mid Began overcast cloudy and pleasant clearing towards end of watch Gentle to fresh breeze from E to N E. blowing in squalls till last hour Bar steady Smooth sea (Signed) G N Curtis Lieut

Moored phase Aft First qr Dec N 25°

Examined and found to be correct.

Signed G N Curtis Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex , 3d Rate, 6 Guns.

Harbor of Monte Video Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-2°						
1			N E	E N E	3.4		30 28	67	64	64		bc	Cum Str	9	S	
2			"	"	3 4		30 28	67	64	64		"	"	9	"	
3			"	E	3 4		30 28	67	64	64		"	"	9	"	
4			"	"	3		30 28	67	63	64		"	"	9	"	
5			N N E	E N E	3		30 28	67	63	64		"	"	6	"	
6			N	"	3		30 28	67	63	64		"	Cir & Nimb Cum	4	"	
7			N by E	"	2		30 28	67	63	64		"	"	2	"	
8			N E by N	E	2		30 28	67	64	64		"	"	1	"	
9			N E	E N E	3		30 30	66	66	65		"	"	2	"	
10			"	E by N	3		30 30	67	67	66		"	"	2	"	
11			S E by E	"	4		30 30	67	67	66		"	Cir Cum	4	"	
Noon.			"	E	4		30 30	68	67	66		"	Cum & Cir Str	5	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise " ' "

Variation of the Compass by Azimuth ⊙ observed at " ' "

Water expended during the preceding 24 hours 300 gallons.

Water Received during the preceding 24 hours 1800 "

Water remaining on hand fit for use at Noon 2900 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.														
1		S E by S	E by S	4.6	30 28	69	68	68	bc	Cir Cum	3.	S		
2		"	E S E	4 6	30 27	69	68	66	"	"	3	"		
3		"	"	4 6	30 26	69	68	66	"	"	3	"		
4		"	"	4 6	30 25	69	68	66	"	"	3	"		
5		"	E	4 6	30 25	69	67	66	bcg	Cir & Cum Nimb	3	"		
6		E	E N E	4 6	30 25	68	67	66	"	"	5	"		
7		E N E	N E by E	4 6	30 25	70	66	66	"	"	7	"		
8		N E by E	"	4 6	30 25	70	66	65	"	"	7	W S		
9		E N E	"	4 6	30 27	69	65	65	oc	"	0	"		
10		"	N E	4 6	30 27	69	65	65	ocd	"	0	"		
11		N E	N N E	4 6	30 27	68	65	65	"	"	0	"		
Mid.		"	"	4 6	30 27	68	65	65	"	"	0	"		

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Monday March 31st, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A M. Clear and pleasant Gentle to moderate breeze from E N E to E. Bar steady at 30.28.

(Signed) G. W. Moore
Ensign

From 4 to 8 A M Partly clear and pleasant weather Gentle to light breeze from E N E to E. Bar. high and steady Smooth sea Received fresh provisions for crew. At 7.30 Flagship made gen sig 3351 Liberty Party returned to the ship

(Signed) W. P. Jouett
Master

From 8 A M to Mid Partly cloudy pleasant weather Gentle to moderate breeze from E to E N E. Bar high and steady At 9.00 Flagship made prep sig 6144 At 8.55 and gen sig 6144. At 9 crossed 3d yards At 10.10 made int sig 5455 Flagship made gen sig 904 Loosed sails. At 9.15 sounded call to general quarters and exercised divisions at general quarters Division reported ready in 5 min. and secured in 3m 20 sec. W. J. Kring (Sea) was released from confinement By order of Comdg Officer Dennis Keelcher (Tailor) was placed in solitary confinement on bread and water for 5 days for being drunk on duty Frank Maguire (Sh Wr) and N. Simpson (1 Cl) were absent without permission At 10.30 Frank Maguire (Sh Wr) returned to ship

(Signed) S. B. Kemly
Ensign

From Mid to 4 P M Cloudy and pleasant Moderate to fresh breezes occasional fresh squalls At 1.15 made intog sig 4826 Flagship made 904 At 1.20 furled sails and ordered courses At 2.55 Flagship made prep sig 2984 Engaged in squaring rattlines and straightening up topmast rigging

(Signed) G. W. Moore
Ensign

From 4 to 8 P M Partly cloudy pleasant weather Moderate to fresh breeze from E to N E by E Lowering in squalls At 5.10 went to quarters and served out clean hammocks. Signed S. B. Kemly
Ensign

From 8 P M to Mid Overcast and disagreeable Moderate to fresh breeze from N E by E to N N E. Light drizzling rain frequent fresh squalls Bar. steady 30.27 Moderate sea At 8.20 Henry Simpson (1 Cl) returned on board ship

(Signed) G. W. Moore
Ensign

Moons phase 2d qr Dec N 22°

Examined and found to be correct

Signed G. H. Curtis
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex , 3d Rate, 6 Guns.

Harbor of Monte Video Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-2°						
1			E	ENE	3		30	28	67	64	64	oc m	Nimb	0	S	
2			"	"	3		30	28	67	64	64	oc	"	0	"	
3			E by S	"	3		30	27	67	64	64	"	"	0	"	
4			"	"	3		30	27	67	64	64	"	"	0	"	
5			E by N	N E by E	3.6		30	27	67	64	64	bcq	Cir t Nimb	5	"	
6			"	"	3.4		30	27	67	64	64	bc	Cir Cum t Nimb	2	"	
7			N E	NE	3		30	28	67	64	64	"	"	3	"	
8			"	"	3		30	28	67	65	65	"	Cir t Str Nimb	2	"	
9			"	N E by E	4.6		30	28	67	67	66	"	"	3	W	
10			E N E	E N E	4.6		30	28	68	68	68	"	"	2	"	
11			"	E by N	4.6		30	28	70	68	68	"	"	2	"	
Noon.			E	E	4.6		30	28	70	70	68	"	"	2	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise " ' "

Variation of the Compass by Azimuth ⊙ observed at " ' "

Water expended during the preceding 24 hours 300 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 2600 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.														
1		E	E	5	30	26	70	70	69	bc	Cir Cum t Nimb	2	S	
2		E by S	"	5	30	25	70	70	69	"	"	2	"	
3		"	E by S	5.6	30	24	70	70	69	"	Cir Cum t Nimb Str	6	W	
4		"	"	5.6	30	23	70	69	68	"	Cum Str	7	"	
5		"	"	4.5	30	23	70	68	67	bcq	"	7	"	
6		E S E	"	4.5	30	23	69	67	67	"	Cir Str	7	"	
7		E by S	E	4.5	30	23	69	67	67	"	"	6	"	
8		"	E by N	4.5	30	23	69	67	67	"	"	8	"	
9		E N E	"	4.5	30	23	69	67	67	"	"	8	S	
10		N E by E	E N E	3	30	23	69	67	67	bc	"	9	"	
11		"	"	3	30	20	69	67	67	"	"	9	"	
Mid.		E N E	"	3	30	21	69	66	67	"	"	9	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander A. S. Schley, U. S. Navy,

Tuesday April 1st, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A M Overcast with a few stars visible Gentle breeze from E N E. Barometer falling Sea smooth
(Signed) A. S. Schley
Ensign

From 4 to 8 A M Partly clear but damp and unpleasant weather Gentle to fresh breeze from N E and N E by E blowing in squalls first hour At 7 30 Flagship made dress sig 3 3 5.
(Signed) C. H. Curtis
Lieut

From 8 A M to Meridian Cloudy and pleasant Moderate to fresh breeze from N E by E to E frequent fresh squalls At 9 25 mustered at quarters inspected bags made out monthly requisitions Moderate sea Bar steady 30.25
Signed C. P. Moore
Ensign

From Meridian to 4 P M Clear and pleasant Stiff to fresh breeze from E to E by S. Smooth to moderate sea Bar falling At 12 40 received a mail from the Flagship Comdg Officer of the French gunboat "Druat" paid a visit on board At 1 P. M. Flagship made prep sig 3 9 8 At 2 45 mustered at quarters and turned in clean hammocks Pacific Mail steamer went out about 1 15 Signed L. P. Jouett
Master

From 4 to 8 P M Clear and pleasant Moderate to fresh breeze from E by S. to E by N Squally At 5 45 Flagship made prep sig 2 9 5 Moderate sea Bar steady 30.23
(Signed) C. P. Moore
Ensign

From 8 P M to Midnight Clear and pleasant Bright moonlight Squally first hour rest of watch gentle breeze from E N E Bar falling Sea Smooth Long swell from S.
(Signed) L. P. Jouett
Master

Moons phase 2d qr Dec N 18°

Examined and found to be correct
Signed C. H. Curtis
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex , 3d Rate, 6 Guns,

Harbor of Monte Video Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-20						
1			ESE	ESE	2		30 21	69	66	66		bc	Cir Cum & Str Nimb	7	S	
2			"	"	3		30 21	69	66	66		"	Nimb Str	7	"	
3			"	"	3.4		30 21	69	66	66		bcq	"	2	"	
4			"	"	3		30 20	69	66	66		bc	"	5	"	
5			E	E by N	3		30 20	69	66	66		"	"	4	"	
6			"	"	3		30 19	68	66	66		"	"	2	"	
7			"	"	2		30 19	68	66	66		"	"	4	"	
8			NE	"	2		30 20	68	66	66		"	"	8	"	
9			"	E by S	3		30 20	68	69	69		"	Str Cir Nimb	2	"	
10			ESE	"	3		30 20	69	70	70		"	"	2	"	
11			E by N	"	4		30 18	69	70	70		"	Str & Nimb Cirrus	6	"	
Noon.			E by S.	"	4		30 17	70	70	70		"	"	6	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours 300 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 2300 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.														
1		ESE	ESE	3	30 14	70	70	70		bc	Cir Cum	7	8	
2		SE by E	"	4	30 17	70	70	70		"	Nimb & Cir Cum	3	"	
3		E	E by N	4.3	30 10	70	70	70		ocr	Nimb	0	"	
4		E by S.	E	3.5	30 10	70	68	69		bcq	Cir & Nimb	2	"	
5		"	E by N	3.6	30 08	70	68	68		oc/sq	Cir & Nimb Cum Str	0	"	
6		ESE	"	3	30 08	70	67	68		bc	Cir Nimb	1	"	
7		E	NE E	3	30 08	70	67	68		oc/s	"	0	"	
8		NE	"	3	30 08	70	65	66		oc	"	0	"	
9		NE by E	ENE	3	30 08	69	66	67		"	"	0	"	
10		E by N	"	2	30 08	69	66	67		bc	"	4	"	
11		NE E by E	"	3.4	30 07	69	66	67		"	"	6	"	
Mid.		E	"	3.5	30 07	69	66	67		bcq	"	7	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Wednesday April 2d, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A M Commenced clear and pleasant gradually becoming overcast with clouds Light to moderate breeze from E N E Bar high and steady Smooth sea Moon set at 1.10

(Signed) G. K. Curtis
Lieut

From 4 to 8 A M Clear and pleasant Gentle to light breeze from E by N. Bar steady 30.20

(Signed) S. P. Comly
Ensign

From 8 A M to Mid Clear and pleasant Gentle to moderate breeze from E by S. Bar falling 30.17 at noon Sea smooth At 9.15 mustered and inspected at quarters and exercised the divisions per routine At 10.30 a board Officers met by order of Comdg Officer to investigate the conduct of Henry Simkson (1 C.T.) during his services on board the "Essex" Adjourned at 11.45

Signed L. P. Jouett
Master

From Mid to 4 P M Clear and pleasant weather first part. Overcast cloudy and raining third hour Squally last hour Gentle to stiff breeze from E S E to E by N Bar falling Smooth sea At 1.55 was made intog sig 6177 Flagship answered by gen sig 98 At 2.40 Flagship made gen sig 2984

(Signed) S. P. Comly
Ensign

From 4 to 8 P M. Generally overcast passing rain showers and squalls first and third hours of watch Gentle breeze from E by N to N E Smooth sea Bar steady at 30.08

Signed L. P. Jouett
Master

From 8 P M to Mid Pleasant clearing weather Light to stiff breeze from E N E Squally last hour. Bar falling very slowly Smooth sea.

(Signed) S. P. Comly
Ensign

Moons phase 2d qr Dec N 3°

Examined and found to be correct.

Signed G. K. Curtis
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate, 6 Guns,

Harbor of Montevideo Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-1°						
1			E	E by N	3.5		30 07	69	66	67		bcq	fair & Cumb	2	S	
2			E by N	E N E	3.4		30 07	69	66	67		bc	"	3	"	
3			E by S.	"	3.5		30 04	68	65	65		bcqz	"	7	"	
4			E	"	3.5		30 04	68	65	65		"	"	7	"	
5			"	"	4		30 03	68	65	65		bcz	fair Str	9	"	
6			"	"	4		30 00	68	65	66		"	"	9	"	
7			"	E by N	3		30 01	68	65	66		"	"	9	"	
8			E by N	"	3		30 01	68	67	67		"	"	9	"	
9			E N E	E N E	3		30 02	69	70	69		bc	fair Cum	6	"	
10			N E	N E by E	3.4		30 02	70	70	69		"	"	4	"	
11			E by N	E	3		30 01	71	70	70		"	Cumb	3	"	
Noon.			E by S.	E by S.	3		30 00	71	71	70		"	Cir Cumb	2	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° ' "

Longitude by D. R. at Noon — ° ' "

Latitude by Observation at Noon ⊙ — ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ — ° ' "

Current during the time — knots — fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at — ° ' "

Water expended during the preceding 24 hours — 300 gallons.

Water — during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 2000 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " — "

P. M.													
1		E	E S E	4	29 97	71	71	71	bc	Cir Cumb	7	S	
2		"	E by S.	4	29 95	71	71	71	"	Cir Cumb Numb	3	"	
3		E by S.	E by N	4.5	29 93	71	71	71	"	Cir Cumb	5	"	
4		E	"	4.6	29 91	71	71	71	"	"	6	"	
5		E by S.	E	3	2991	71	71	71	bcz	Cumb Cir Str	7	"	
6		"	N E	2	2991	70	70	70	"	Cir Numb Str	4	"	
7		"	"	4	29 90	72	70	70	"	"	1	"	
8		E N E	"	5	29 92	71	70	69	bc	Cir Str	3	"	
9		N E by E	"	4	2992	71	68	68	"	Cir Cumb	6	"	
10		"	N E by E	4	29 92	71	67	67	"	"	8	"	
11		"	"	3.4	29 92	70	66	66	"	"	8	"	
Mid.		"	"	4	29 92	70	65	66	"	"	8	"	

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by — at — ° ' "

under the command of Commander W. S. Schley. , U. S. Navy,

Thursday April 3rd , 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 A.M. First two hours cloudy cool and unpleasant Clear and pleasant last two hours Light to stiff breeze from E by N and E N E blowing in squalls and Bar falling

(Signed) C. P. Moore
Ensign

From 4 to 8 A.M. Clear pleasant weather hazy around the horizon Gentle to moderate breeze from E N E to E by N Bar 30.01 at 8. Sea smooth. Received fresh provisions for crew At 7.50 Flagship made prep sig 5455 and at 755, 5455 At 8 hoisted sail

(Signed) L. P. Jouett
Master

From 8 A.M. to Merid Partly cloudy overcast pleasant weather Gentle breeze from N E by E to E by S. Bar falling Smooth sea At 9.10 went to quarters exercised 1st & 2nd Div. Division at single sticks and instructed No 1 Guns crew in signaling Recd 4 paint brushes in construction Sept. By order of Boatswain Pfeder E.S. Barclay (05) and R. W. McBarron (05) were given 24 hours extra duty for disobeying the order of a Boatswains Mate At 11.55 made int top sig 4536 Flagship answered by gen sig 904 At 11.35 furled sail

(Signed) J. C. Lemly
Ensign

From Merid to 4 P.M. Partly cloudy pleasant weather Moderate to fresh breeze from E S E to E by N Squally last hour Bar falling Smooth sea At 3.20 the Italian gunboat Veloce left the harbor and stood up the river under sail alone

(Signed) C. P. Moore
Ensign

From 4 to 8 P.M. Partly overcast cloudy pleasant weather Gentle to stiff breeze from E N E Bar unsteady Sea smooth At 4.50 we made int top sig 2258. Flagship answered by gen sig 904 At 5 exercised at shifting topsails At 5.40 Flagship made gen sig 2985

(Signed) C. C. Lemly
Ensign

From 8 P.M. to Mid Clear and pleasant Gentle to moderate breeze from N E by E and N E Bar steady Smooth sea

(Signed) C. H. Curtis
Lieut

Moon's phase 3d qr N 7°

Examined and found to be correct.

(Signed) C. H. Curtis
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate, 6 Guns,

Harbor of Monte Video & Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-2°						
1			WSW	WSW by W	2		29 91	69	67	67		bc	Cum Str	9	S	
2			"	"	2		29 91	69	67	67		"	"	9	"	
3			"	"	2		29 91	69	67	67		"	"	9	"	
4			"	"	2		29 90	69	67	67		"	"	9	"	
5			WNW	W	3		29 89	68	66	67		"	Nimb Str	2	"	
6			W	W by N	2		29 89	68	66	67		bc	Nimb	0	"	
7			W W N	W W N	2		29 89	68	66	67		"	"	0	"	
8			"	W N by W	3		29 90	68	66	67		bcr	"	0	"	
9.			N W N	W N	3		29 90	69	67	67		bcl	"	1	"	
10			N S N	N	3		29 92	69	68	67		"	Cir Cum & Nimb	4	"	
11			N by E	S N by E	2		29 93	68	68	67		"	"	4	"	
Noon.			S W by S.	S	3		29 93	68	67	68		bc	Cir & Cir Str	8	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours 300 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 1700 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.												
1	S W by S.	S.	4	29 93	68	67	68	bc	Cir Cum & Str	9	WS	
2	"	S by W	5	29 93	67	68	67	"	"	9	"	
3	"	"	5	29 93	68	68	68	"	"	9	"	
4	"	"	5	29 94	68	67	67	"	"	9	"	
5	S by W.	"	5	29 94	68	66	66	"	Cir Str	8	S	
6	S S by S	S.	4	29 94	68	66	66	"	"	9	"	
7	S S E	S S E	3,4	29 94	68	65	65	"	Cir Cum	6	"	
8	"	"	3	29 94	68	65	65	"	"	5	"	
9	"	S E	5	29 95	68	65	65	"	"	6	WS	
10	S E	"	5	29 96	68	65	65	"	"	6	"	
11	"	"	4,6	29 96	67	65	65	bcq	"	6	"	
Mid.	"	"	4,6	29 97	67	66	65	"	"	6	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander N. S. Schley, U. S. Navy,

Friday April 4th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A M Clear and pleasant Light breeze from NE by E Bar steady 2990
Signed L P Jouett
Master

From 4 to 8 A M Overcast cloudy pleasant weather Rainy last hour Light and gentle breeze from N to N N E by N. Bar steady Smooth sea Received fresh provisions for crew At 730 Flagship made Divsn sig 3351
Signed S B Somby
Ensign

From 8 A M to Merid Partly cloudy clearing up last hour Drizzling rain at times first three hours of watch Light to gentle breeze hauling from N E to S. Bar rising slowly At 915 went to fire quarters and exercised afterwards mustered and inspected divisions Two American vessels a Bark and a Brigantine came in and anchored
(Signed) H P T Moore
Ensign

From Merid to 4 P M Clear and pleasant Moderate to stiff breeze from S to S by E. Strong tide setting from S & and N & Tide rips Moderate sea Bar steady 2993 At 330 Hartford made prep sig 2984 Engaged in scraping port gun carriages Served out monthly clothing requisitions
(Signed) L P. Jouett
Master

From 4 to 8 P M Clear and pleasant weather Gentle to stiff breeze from S S E to S by E Bar steady Smooth sea
(Signed) H P T Moore
Ensign

From 8 P M to Mid Clear and pleasant Moderate to fresh breeze from S E Fresh squalls during last two hours Moderate sea Bar rising 2997 Bright Moonlight
(Signed) L. P. Jouett
Master.

Moons phase 2d qr Dec N 0° 28'

Examined and found to be correct.
(Signed) C K Curtis
Lieut
Navigator.

LOG of the UNITED STATES Steamer Essex , 3d Rate, 6 Guns,

Harbor of Monte Video Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-20						
1			SE by E	SE	3 5		29 97	68	65	65		bc	fair Cum	5	S	
2			E	"	3 5		29 97	67	64	64		"	"	6	"	
3			"	"	3		29 95	67	64	64		"	"	6	S	
4			"	E SE	2		29 95	67	64	64		"	"	6	"	
5			E by S	"	3		29 95	67	64	64		"	Cum Nimb	3	S	
6			"	"	2		29 95	67	64	64		"	Cir Cum Nimb	6	"	
7			SE	"	2		29 97	67	64	64		"	"	6	"	
8			SE by E	"	3		30 00	67	64	64		"	fair Str	8	"	
9			"	"	3		30 01	67	64	64		"	"	8	"	
10			"	SE	3		30 02	68	66	65		"	"	9	"	
11			SSE	SE by S	3		30 02	68	66	65		"	"	9	"	
Noon.			"	"	3		30 02	68	66	65		"	"	9	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ′ ″

Longitude by D. R. at Noon ° ′ ″

Latitude by Observation at Noon ⊙ ° ′ ″

Longitude by Chronometer from Forenoon Observations ⊙ ° ′ ″

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ′ ″

Variation of the Compass by Azimuth ⊙ observed at ° ′ ″

Water expended during the preceding 24 hours 300 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 1100 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.													
1	SSE	SE	3	30 01	67	66	66	bc	fair Str	7	S		
2	SE	"	3	30 01	67	66	66	"	"	9	"		
3	E by N	SE by E	3	30 01	66	65	66	"	"	9	"		
4	ESE	"	3	30 02	66	65	65	"	"	9	"		
5	ESE	"	3	30 03	66	64	64	"	"	9	"		
6	"	"	3	30 03	66	64	64	"	"	9	"		
7	"	"	3	30 03	66	63	63	"	"	9	"		
8	SE	ESE	3	30 03	66	63	63	"	"	9	"		
9	SE by S	"	3	30 02	66	63	63	"	Str	9	"		
10	ESE	"	3	30 02	66	63	63	"	"	9	"		
11	"	E	3	30 00	66	63	63	"	"	9	"		
Mid.	E	E by N	3	30 00	66	63	63	"	"	9	"		

Longitude by Chronometer from Afternoon Observations ⊙ ° ′ ″

Longitude by Chronometer from Observations * ° ′ ″

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ′ ″

Variation of the Compass by at ° ′ ″

under the command of Commander H S Schley, U. S. Navy,

Saturday April 5th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A M Clear and pleasant Bright moonlight Light stiff breeze blowing in squalls first two hours from S. E to E S E Bar Steady 2995 (Signed) G K Curtis Lieut.

From 4 to 8 A M Clear and pleasant Light to gentle breeze from E S E Bar rising 3001 at 8. Sea Smooth At 7.30 Flagship made dress sig 3351 The English gunboat Avon came in at 7 and anchored in inner harbor (Signed) E J P Moore Ensign

From 8 A M to Merid Clear and pleasant Gentle breeze hauling from E S E to S E by S. Enlisted Michael Carroll as Landsman for the cruise of the Essex from this date inclusive Dennis Keeliher (Sailor) was released from confinement and restored to duty by order of Comdg Officer (Signed) L. P. Jouett Master

From Merid to 4 P M Clear pleasant weather Gentle breeze from S E to S E by E Bar steady Smooth sea A liberty party left the ship at 100 (Signed) J B Lemly Ensign

From 4 to 8 P. M Clear and pleasant Gentle breeze from S E by E to S S E Bar steady 3003 Latter part of watch bright moonlight (Signed) L P. Jouett Master

From 8 P M to Mid Clear and pleasant Bright moonlight Gentle breeze from E S E to E by S Bar falling (Signed) J. B Lemly Ensign

Moon phase 2d qr Dec. S. 6°

Examined and found to be correct

(Signed) G K Curtis
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex , 3d Rate, 6 Guns,

Harbor of Monte Video Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-2°						
1			N. by W.	N by E	2		30 01	64	63	64		c	Horse	10	S.	
2			N by E	N E	2		30 01	64	63	64		"	"	10	"	
3			N	"	2		30 01	63	61	61		"	"	10	"	
4			"	"	3		30 00	61	60	61		"	"	10	"	
5			"	"	3		30 00	62	60	60		"	Cir Cum	9	"	
6			N E	"	2		30 00	62	60	60		cc	"	9	"	
7			E	"	2		30 02	62	60	61		"	"	9	"	
8			S E by E	N E by N	2		30 02	63	62	62		"	"	9	"	
9			E S E	N E	2		30 05	65	67	67		"	Str	9	"	
10			"	N N E	1 2		30 05	66	67	67		"	"	9	"	
11			E	E by S	1 2		30 05	66	67	67		"	"	9	"	
Noon.			S E by E	S E by E	3		30 05 3	66	66	67		"	"	9	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ′ ″

Longitude by D. R. at Noon ° ′ ″

Latitude by Observation at Noon ⊙ ° ′ ″

Longitude by Chronometer from Forenoon Observations ⊙ ° ′ ″

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ′ ″

Variation of the Compass by Azimuth ⊙ observed at ° ′ ″

Water expended during the preceding 24 hours 300 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 1100 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.													
1	E by S	E S E	3	30 05	66	66	67	cc	Str	9	S		
2	E by N	"	3	30 02	66	67	67	"	"	9	"		
3	E	"	4	30 02	67	67	67	"	Cir Str	9	"		
4	E by N		5	30 01	67	67	67	"	"	9	"		
5	"	E by N	4	30 00	67	67	67	"	"	9	"		
6	E	E	4	30 00	67	67	66	"	"	9	"		
7	E S E	"	4	30 00	67	66	66	"	"	9	"		
8	"	"	4	30 00	67	66	66	"	"	9	"		
9	E N E	E N E	4.2	30 00	67	66	66	"	"	8	"		
10	N E by N	N E	3	30 00	67	66	66	"	"	8	"		
11	N N E	"	4	30 00	67	63	63	"	"	7	"		
Mid.	N by E	"	4.5	30 00	67	63	63	"	"	2	"		

Longitude by Chronometer from Afternoon Observations ⊙ ° ′ ″

Longitude by Chronometer from Observations * ° ′ ″

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ′ ″

Variation of the Compass by at ° ′ ″

under the command of Commander W. S. Schley, U. S. Navy,

Sunday April 6th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 a m Clear and pleasant Bright moonlight Light to gentle breeze from Nby E and NE Bar steady Smooth sea
(Signed) B. F. Moore
Ensign

From 4 to 8 a m. Clear and pleasant Light breeze from NE to NE by N. Bar rising 30.02 At 7.30 liberty party returned on board
(Signed) C. K. Curtis
Lieut

From 8 a m to Merid Clear pleasant weather Light airs to light breeze first two hours from NNE & NE to gentle breeze last two from E by S. & SE by E Bar steady 30.05 At 9.25 held divisional inspection and at 9.45 Comdg Officer inspected ship and crew at quarters after which published Articles for the government of the Navy read prayers and mustered crew At 11 the Comdg Officer of the English gunboat "Avon" paid an official visit on board
Signed F. C. Leroy.
Ensign.

From Merid to 4 P M Clear and pleasant Gentle to stiff breeze from E S E Bar falling Smooth sea. Sent a liberty party on shore
(Signed) B. F. Moore
Ensign

From 4 to 8 P M Clear and pleasant Moderate breeze from E by E by N Bar steady at 30.00 Sea smooth The American Charge d' Affaires made an unofficial visit on board Flagship made gen sig 295 at 5.30
(Signed) F. C. Leroy.
Ensign

From 8 P M to Mid. Clear and pleasant Bright moonlight Light to stiff breeze from E by N & and NE. Bar steady Smooth sea
(Signed) B. F. Moore
Ensign

Moons phase Full moon Dec S. 12° 3'

Examined and found to be correct.
(Signed) C. K. Curtis
Lieut
Navigator.

LOG of the UNITED STATES Steamer Essex , 2d Rate, 6 Guns.

Harbor of Monte Video Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-2d						
1			N.	N by E	5		30 00	62	62	62		bc	Cirro Str	9	S	
2			"	"	5		30 00	62	62	62		"	"	9	"	
3			"	"	4.5		30 00	62	62	62		"	"	7	"	
4			"	"	2		29 98	62	62	62		"	"	8	"	
5			"	N by E	2		29 98	62	62	62		"	"	9	"	
6			N by E	N E	2		29 99	62	61	59		"	"	9	"	
7			"	"	3		30 00	62	62	60		"	"	9	"	
8			E S E	N E by N	3		30 00	62	62	61		"	"	9	"	
9			"	N E	3		30 00	64	64	64		"	"	9	"	
10			S E	"	2		30 00	66	70	69		"	"	9	"	
11			"	E S E	3		30 00	66	70	69		bc	"	10	"	
Noon.			"	S E by S.	2		30 00	67	70	69		bc	Str	9	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours 400 gallons.

Water Received during the preceding 24 hours 2200 "

Water remaining on hand fit for use at Noon 2900 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.															
1			E S E	E S E	3		29 96	68	68	68		bc	Str	9	S	
2			E	"	4		29 93	68	68	68		"	"	9	"	
3			E by S.	E by S.	4		29 91	68	68	68		"	"	9	"	
4			N E by E	"	4.5		29 91	68	68	68		"	"	9	"	
5			E	"	4.5		29 89	68	68	68		"	"	9	"	
6			"	"	3.4		29 89	68	68	68		"	"	9	"	
7			N E	E N E	2		29 90	68	68	68		"	"	9	"	
8			S E	"	2		29 90	68	68	69		"	"	9	"	
9			E N E	N N E	3		29 88	68	66	67		"	Cirr Str	7	"	
10			E	"	4		29 88	68	66	66		"	Cumu Str	6	"	
11			N E by E	N E	3		29 88	68	65	67		"	"	5	"	
Mid.			"	"	3		29 88	68	65	66		"	Cir Cum	5	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander N. S. Schley, U. S. Navy,

Monday April 7th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 a m Clear and cool Bright moonlight Gentle to stiff breeze from NE by E Sea smooth Bar falling last hour

Signed L P. Jouett
Master

From 4 to 8 a m Clear and pleasant Light to gentle breeze from NE to NE by N Bar rising 30 ft at 8 Sea smooth At 7 a m liberty returned to ship except Geo R Wilson (Mach) Mich. Hayes (1 c f) and Edw Bass (Cooper) Received fresh provisions for crew At 7 30 Flagship made dress sig 335 Water boat came alongside at 7 45

(Signed) S C Lemly
Ensign

From 8 a m to Merid Clear and pleasant Light and gentle breeze from NE to S E by E Bar steady Smooth sea At 8 55 Flagship made gen sig No 77 At 9 20 exercised at general quarters afterwards mustered and inspected Geo R Wilson (Mach) Mich Hayes (1 c f) and Edw Bass (Cooper) were reported absent without permission Mich. Hayes (1 c f) afterwards returned on board 4 1/2 hours over leave Recd on board 2200 gals fresh water Recd the following stores from the Flagship in the Construction Dept 5 lbs Lamp black 3 lbs Glue 1 lb Vermillion 5 lbs. Assorted copper nails 2 lbs copper wire in Engr Dept 5 bbls Olive oil 10 gals Turpentine 75 lbs Salt water soap in Pay Dept. 930 yds Flannel 975 lbs Salt water soap 400 spools silk

(Signed) W T Moore
Ensign

From Merid to 4 P M Clear and pleasant Gentle to stiff breeze from E by S and E S E Bar falling Sea smooth An American brigantine came in and anchored in outer harbor Engaged in scraping strong backs of boats davits and the bridge

(Signed) L P. Jouett
Master

From 4 to 8 P M Clear and pleasant Stiff to light breeze from E by S. and E N E Bar steady Smooth sea Sent letters to the Flagship to be forwarded to the United States At 5 45 Flagship made gen sig 6 1 4 3 Sent down 12 yards bt cursed Edw Bass (cooper) came on board 10 hours over time Geo R Wilson (Mach) 12 hours over leave Moon rose at 6.

(Signed) W T Moore
Ensign

From 8 P M to Mid Began clear and pleasant with bright moonlight Clouding up Bar steady Smooth sea

(Signed) H K Curtis
Lieut

Moored Chas 3d. qr Dec S. 18°

Examined and found to be correct.

Signed H K Curtis
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex , 3d Rate, 6 Guns.

Harbor of Monte Video Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-2°						
1			N N E	N E	4		29 88	68	65	65		bc	fair Cum	9	S'	
2			"	"	4		29 87	67	64	65		"	"	9	"	
3			"	"	4.5		29 84	66	64	65		"	"	9	"	
4			"	"	4.5		29 80	65	64	64		"	"	9	"	
5			N by W	N E	3.4		29 80	65	64	64		oc	Nim Str	0	"	
6			"	N N E	3		29 80	65	64	64		"	Nim Cums	0	"	
7			N by E	"	2		29 83	65	64	64		bc	Fair Cum & Str Nimb	3	"	
8			E S E	"	2		29 83	65	64	64		bcz	Nimb & Cir Cums	5	"	
9			"	"	2		29 84	67	67	67		bc	"	7	"	
10			S E	S by W	1.7		29 85	67	67	67		"	"	5	"	
11			"	"	2		29 85	67	67	67		"	"	2	"	
Noon.			S E by S	S S W	3		29 85	67	68	68		"	"	1	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise " ' "

Variation of the Compass by Azimuth ⊙ observed at " ' "

Water expended during the preceding 24 hours 300 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 2600 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.																
1				S.	S	4.5	29 85	67	67	68		bcq	Nim Cir Cums	1	W	
2				"	"	5.6	29 85	67	66	67		obq	"	0	"	
3				"	"	5.6	29 80	67	66	67		oq	"	0	"	
4				"	"	5.6	29 80	67	66	67		"	"	0	"	
5				S W	S. by E	5.7	29 80	68	66	67		bcq	"	3	"	
6				S W by W	S	5.7	29 80	68	66	66		bcqp	"	2	"	
7				S by W	"	5.7	29 82	68	65	66		bcq	Fair Cir & Nimb	7	"	
8				S	"	5.7	29 85	67	65	65		"	"	6	"	
9				"	"	5.7	29 85	66	63	64		obq	Fair Cum & Nimb	0	"	
10				"	"	5.7	29 85	66	63	64		"	"	0	"	
11				"	"	5.7	29 85	66	63	63		oq	"	0	"	
Mid.				"	"	5.7	29 85	66	63	63		"	"	0	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander H. S. Schley, U. S. Navy,

Tuesday April 8th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A M Clear and pleasant Moderate to stiff breeze from W & S Bar falling 29.80

(Signed) S. B. Lemly
Ensign

From 4 to 8 A M Overcast and cloudy first part Clearing latter part of watch Moderate breeze from W & S and W N W Bar rising Smooth sea Recd fresh provisions on board for crew At 730 Flagship made divsn sig 3351

(Signed) B. T. Moore
Ensign

From 8 A M to Merid Clear and pleasant first part Clouding up latter part of watch Light airs to gentle breeze from S W & W first hour Shifting to S by W Bar steady At 855 Flagship made preps sig 5461 and at 910 sig of execution Loosed T & R yards and loosed sails Sent to quarters for inspection at 925 Flagship Made preps sig 4826 at 1140 and at 1145 sig of execution furled sails

(Signed) L. P. Jouett
Master.

From Merid to 4 P M Overcast and gloomy Moderate to fresh breeze from S frequent fresh squalls occasional drizzling rain Sea moderate Latter part rough At 1245 Hartford made preps sig 6068 At 1 Sent down T & R yards At 105 made int. sig 6339 and 904 At 115 unbent topsails

(Signed) S. B. Lemly
Ensign

From 4 to 8 P M Began overcast and cloudy with several passing showers of rain Clearing up last two hours with bright moonlight Wind stiff to very fresh blowing in strong squalls Bar rising Rough sea At 645 Let go port anchor veering to 30 fms on port and 75 fms on 1st chain

(Signed) L. P. Jouett
Master

From 8 P M to Mid Overcast squally and disagreeable Stiff to very fresh breeze from S Drizzling rain during first part of watch Rough sea Bar steady 29.55

(Signed) G. L. Bruns
Mate & Shipman

Moons phase 3d qr Decl. S. 22°

Examined and found to be correct.

(Signed) B. H. Curtis
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate, 6 Guns.

Harbor of Monte Video Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										12°						
1			S by W	S.	5.6		29 85	66	63	63		bc	Cir Cum	4	R	
2			"	"	5.7		29 85	66	63	63		"	"	4	"	
3			S Wby S.	"	5.7		29 85	65	63	63		"	"	4	"	
4			S	"	5.6		29 85	66	63	63		"	"	6	"	
5			"	S by E	5.6		29 85	65	62	62		"	Cum Nimb	3	"	
6			"	S S E	4.6		29 85	65	62	62		"	"	1	M	
7			"	S by E	4.6		29 88	64	62	62		"	"	2	"	
8			S by E	S	4.6		29 90	64	68	62		"	Cir Cumt Nimb	2	"	
9			"	"	4.6		29 90	64	63	62		bcg	"	2	"	
10			S S E	"	4.6		29 92	65	64	64		"	"	2	"	
11			"	"	4.6		29 92	65	64	64		"	"	2	"	
Noon.			"	"	4.6		29 92	66	64	64		"	"	2	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° ' "

Longitude by D. R. at Noon — ° ' "

Latitude by Observation at Noon ⊙ — ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ — ° ' "

Current during the time — knots — fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at — ° ' "

Water expended during the preceding 24 hours — 300 gallons.

Water — during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 2300 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " — "

P. M.												
1	S.	S.	5	29 92	65	63	63	bc	Cir Cum Nimb	2	M	
2	"	"	5	29 91	65	63	63	"	"	1	"	
3	S by W	"	5	29 91	65	63	62	"	"	2	"	
4	"	"	4	29 91	65	63	62	"	"	4	"	
5	S S E	S by E	3	29 92	65	63	62	"	"	3	S	
6	"	"	3	29 92	65	63	62	"	"	1	"	
7	S by E	"	3	29 92	65	62	62	bc	Nimb	0	"	
8	S E by S	"	2	29 92	65	62	62	bc	Cum Nimb	3	"	
9	"	"	3.4	29 92	65	62	62	"	Cir+Nimb	3	"	
10	"	"	3	29 92	65	62	62	"	Cir	1	"	
11	S S E	"	3.3	29 92	65	62	62	"	Cir Nimb	3	"	
Mid.	S E by S.	"	3.4	29 93	65	62	62	"	Cir	1	"	

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by — at — ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Wednesday April 9th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A M Clear pleasant weather Bright moonlight Stiff to very fresh breeze from S. Bar steady Sea rough (Signed) G. T. Moore Ensign

From 4 to 8 A M Cloudy and pleasant weather Moderate to fresh breeze from S to S.E. Bar rising 2990 at 8 Moderate to rough sea At 7 30 Flagship made dress sig 335 (Signed) L. P. Jouett Master.

From 8 A M to Merid Cloudy and squally but pleasant. Moderate to fresh breeze from S. At 9 15 inspected at quarters At 9 40 made int sig 22 55 Flagship answered 904 At 10 bent courses and to pass Rec'd the following articles in Pay Dept 50 sacks bread. 10 cases pickles 3 bbls sugar 1 sack sugar 1 chest tea ~~Folks~~ 2 bbls coffee 1 case butter 1 bbl beans Enlisted B. Harkness Lds. for Crews of the Essex from this date inclusive Bar rising 2992 Moderate sea (Signed) S. G. Lemly Ensign

From Merid to 4 P M Clear cool pleasant weather Moderate to stiff breeze from S. Bar falling Sea moderate At 2 brought to port chain hove up port anchor and in to 45 fms of stbd chain Set up rigging unrove ridge ropes and unshipped awning stanchions got gripes on boats and made preparations for sea Served out small stores and clothing Cadet Midshipman Simon Cook reported on board for duty. (Signed) G. T. Moore Ensign

From 4 to 8 P M Cloudy but pleasant Wind from S. by E. Falling light Sea smooth Bar steady at 2992 Hoisted smoke pipe Made gen'l preparations for sea (Signed) S. G. Lemly Ensign

From 8 P M to Mid Cloudy pleasant weather Bright moonlight Moderate to light breeze from S by E Bar steady smooth sea (Signed) G. K. Curtis Lieut

Moored Shaw 3d qr Dec S 25.

Examined and found to be correct.

(Signed) G. K. Curtis
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex , 3d Rate, 6 Guns.

Harbor of Monte Video Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-2°						
1			SE by S	S by S.	2		29 92	65	62	62		bc	Cir Cum	8	S	
2			"	S SE	1		29 92	65	62	62		"	"	8	"	
3			"	SE	1		29 92	65	62	62		"	"	8	"	
4			N	SE by S	1		29 91	64	62	62		"	"	8	"	
5			S N by N	S by E	2		29 92	64	62	62		"	Cir Str	9	"	
6			"	"	3		29 92	64	62	62		"	"	9	"	
7			S N	S.	2		29 95	64	62	62		"	"	8	"	
8			N	"	2		29 98	64	62	62		"	"	9	"	
9			S N by S	S by E	2		29 99	64	62	62		"	Cir	6	"	
10			S by E	"	1,2		30 00	65	64	64		"	"	7	"	
11			SSE	S S E	1		30 01	66	64	64		"	"	8	"	
Noon.			"	"	1,2		30 01	66	65	65		"	"	9	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° ' "

Longitude by D. R. at Noon — ° ' "

Latitude by Observation at Noon ⊙ — ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ — ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — " ' "

Variation of the Compass by Azimuth ⊙ observed at — ° ' "

Water expended during the preceding 24 hours — 300 gallons.

Water during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 2000 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " — "

P. M.																
1			Underway	S SE	2		30 00	66	66	66		bc	Cir	9	S	
2			Standing down	E S E	2		30 00	67	66	66		"	"	9	"	
3			the river	"	1,2		30 00	67	66	66		"	"	9	"	
4	5	6	E by N	E by S	2		30 00	67	66	66		"	"	9	"	
5	3	5	In charge of pilot	"	2		30 00	67	65	65		"	"	9	"	
6	3	8														
7	3	6	"	"	2		30 00	67	65	65		"	"	9	"	
8	7	0	"	"	2		30 00	67	65	64		"	"	9	"	
9	7	4	"	"	2		30 00	67	64	64		b	Cir Cum	10	"	
10	7	6	"	S S E	2		30 00	67	64	64		"	"	10	"	
11	3	8	S E by S	"	3		30 02	67	64	64		"	"	10	"	
Mid.	6	5	"	"	2		30 03	67	64	64		"	"	10	"	
	6	5	"	E by S	2		30 03	67	64	64		"	"	10	"	

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by at — ° ' "

under the command of Commander W S Schley, U. S. Navy,

Thursday April 10th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM Clear and pleasant Light breeze to light variable airs from E by S. to S E by S Bright moonlight Bar steady 29.9°

(Signed) C F Bruns
Midshipman

From 4 to 8 AM Clear pleasant weather Light breeze from S by E & S. Bar rising Sea smooth At 6.40 made int sig 4.56 Flagship answered got At 6.45 started fires in 6 boilers Flagship made dress sig 3.51 at 7.30 Brought to stbd chain and hove in to 20 fms Pilot came on board Stowed spare anchor Received fresh provisions for crew

(Signed) S C Lemly
Ensign

From 8 AM to Merid Clear and pleasant Light breeze and airs from E by S to E S E Bar rising slowly Smooth sea At 9.20 Flagship made preps sig 6.44 Neptune made gen sig 4.36.3 which the Flagship answered by gen sig got The nozzle of the low pressure valve having burst we were delayed and did not get underway Banked fires in 6 boilers As at 20 lbs Distilling part of watch

(Signed) C F Moore
Ensign

From Merid to 4 PM Clear and pleasant Light airs and breezes from E by S. to E S E Bar steady At 12.20 hove in to 20 fms on stbd chain At 12.45 got underway and stood down the river under steam in charge of pilot As at press 48 lbs At 3 PM Flores Island light bore (p o) No 9° 8' Made 5.6 miles from that time till 4. At 12.30 made int sig 4.8.9 Hartford ans. gen

(Signed) C F Bruns
Midshipman

From 4 to 6 PM Clear and pleasant Light breeze from E by S Bar steady at 30.00 Cirrus clouds Sea smooth Standing down the river under steam in charge of pilot As at press 55 lbs Revs 51

(Signed) L P. Jouett
Master

From 6 to 8 PM Clear and pleasant Light breeze from E by S. Bar steady Smooth sea At 6.20 sighted Maldonado light bearing (p o) E ½ S ½ E at End of watch this bore E ½ E by E Under steam in charge of pilot As at press 55 Revs 51

(Signed) S C Lemly
Ensign

From 8 PM to Mid Perfectly clear pleasant weather Light breeze from E S E to E by S. Bar rising slowly Smooth sea At 9.22 took departure East point Light bore (p o) No 1° ½ No. East point of Flores Island bore (p o) No by E Set the course S E by S. Sounding At 11 lost East Point light Fires in 6 boilers Under steam alone As at 50 lbs Moon rose at about 8.30

(Signed) C F Moore
Ensign

Moons phase 3d qr Dec S. 26°

Examined and found to be correct.

(Signed) C K Curtis
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex , 3d Rate, 6 Guns.

At Sea Surveying

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb. -2°	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	6	4	SE by S.	E	2		30 04	67	64	64	69	bz	Strus	10	L	
2	6	8	"	"	3		30 04	67	64	64	69	"	"	10	"	
3	6	8	"	E by N.	3		30 04	67	64	64	69	"	"	10	"	
4	5	10	N by W	"	3		30 05	67	64	65	69	"	"	10	"	
5	6	4	"	N E by N	3		30 06	67	65	66	70	bc	Str	9	"	
6	7	0	"	"	2		30 07	67	66	66	70	"	"	9	"	
7	6	8	"	"	2		30 07	67	66	67	70	b	Strus	10	"	
8	6	4	"	"	2		30 10	68	67	68	70	bc	Cir	9	"	
9	7	0	"	"	2		30 13	68	68	68	70	"	"	9	"	
10	6	4	"	NE	1		30 13	69	68	68	71	"	"	9	"	
11	7	6	"	E by E	2		30 15	69	70	69	71	"	Cir Cum	9	"	
Noon.	7	5	"	"	4		30 14	69	70	71	71	"	"	9	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ 5 34 ° 49 ' 50 "

Longitude by Chronometer from Forenoon Observations ⊙ W 5 4 ° 32 ' 50 "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours 300 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 1700 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.																
1	6	3 0	N by W	E by S	3		30 12	68	68	68	70	bc	Cir	9	L	
2	7	0	"	"	2		30 12	69	68	68	70	"	"	9	"	
3	7	0	"	"	3		30 13	69	68	68	70	"	"	9	"	
4	7	0	"	"	3		30 12	69	68	68	70	"	"	9	"	
5	6	8	"	"	4		30 12	69	68	68	70	"	"	9	"	
6	6	8	"	"	4		30 12	69	68	68	70	"	"	9	"	
7	7	0	"	"	4		30 12	69	67	67	70	"	"	9	"	
8	3	6 2	N by W	"	4		30 12	68	67	67	70	"	"	9	"	
9	7	0	"	NE	4		30 12	68	67	67	70	b	Strus	10	"	
10	6	0	"	"	4		30 12	68	66	66	70	"	"	10	"	
11	6	0	"	"	4		30 12	67	66	66	70	bc	Str	9	"	
Mid.	5	6	"	"	4		30 12	67	66	66	70	"	"	9	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Friday April 11th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and till 4 a M Clear and pleasant Light to gentle breeze from E and E by N Bar steady Steering Course S E by S till 3 47 when the course was changed to N by W (Signed) C. L. Brunt
Midshipman

From 4 to 8 a M Clear and pleasant weather Gentle to light breezes from N E by N Bar rising Sea smooth Under steam steering N by W Ac st pres 55 lbs Rec 57. (Signed) L. P. Jouett
Master

From 8 a M to Merid Clear and pleasant Light airs to moderate breeze from N E by N to E N E. Bar unsteady Sea smooth At 8 50 land was reported on port bow stood on course N by W getting a cast of lead every two miles bottom at from 14 to 21 fms chiefly bluish mud last cast bluish mud with sands and pebbles At end of watch Punta Piedras bore (p c) W by S at 9 25 mustered at quarters (Signed) S. B. Lemly
Ensign

From Merid to 4 P M Clear and pleasant Light and gentle breeze from E N E Bar steady Smooth sea At 12 10 chaged course to S E Sounding At 2 lost sight of Punta Piedras Light it bore last (p c) N W by W ½ W Fires in 6 boilers Ac st pres. 55 lbs Rec 50 Under steam alone Steering S E. (Signed) C. F. Moore
Ensign

From 4 to 6 P M. Clear and pleasant Moderate breeze from E N E Smooth sea Steering course S E Sounding Fires in 6 boilers Ac st pres 55 lbs Rec. 50 (Signed) C. L. Brunt
Midshipman

From 6 to 8 P M. Clear and pleasant Fresh breeze from E N E Bar steady at 30 15 Cirrus clouds Sea smooth Steering course S E until 7 35 when changed course to N N W Sounding Ac st pres. 55 lbs. Rec 50 Under steam Six boilers (Signed) L. P. Jouett
Master

From 8 P M to Mid Clear and pleasant Bright moonlight Mean roll at 9 30 Bar steady Smooth sea Moderate breeze from N E Got a cast of lead every two miles gray sand black specks and broken shells 12½ to 18 fms (Signed) S. B. Lemly
Ensign

Moon's Chase 3d qr Dec. S 25°

Examined and found to be correct.
(Signed) C. K. Curtis
Lieut
Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate, 6 Guns,

At Sea Surveying

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-2°						
1	5	0	SSW	NNE	4.5		30 12	67	66	66	70	bc	Cir	9	S	Steam Alone
2	5	8	"	"	4.5		30 12	67	66	66	70	"	"	9	"	
3	6	0	"	"	4		30 12	68	66	66	70	"	"	8	"	
4	6	4	SSE ¾ E	"	3		30 13	68	66	66	70	"	"	9	"	
5	3 6	8	SE by S	"	3		30 12	68	65	66	70	"	"	9	"	
6	3 7	5	SE	"	3		30 12	68	65	66	71	"	"	9	"	
7	6	4	"	"	3		30 14	68	67	68	70	"	Cir Cum	7	"	
8	6	5	"	SE	4		30 15	68	68	68	70	"	Cir Cum & Nimb	5	"	
9	6	0	"	"	4		30 15	69	68	68	70	"	Nimb Str	8	"	
10	2 7	4	SSE ¾ E	"	3		30 15	69	69	68	70	"	Cir Cum Str	8	"	
11	6	8	SE by S	S ¾ S	2		30 15	70	70	69	70	"	"	7	"	
Noon.	6	4	"	"	1		30 15	70	70	69	70	"	Cum Str	6	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° ' "

Longitude by D. R. at Noon — ° ' "

Latitude by Observation at Noon ⊙ — S 34 ° 43 ' 20 "

Longitude by Chronometer from Forenoon Observations ⊙ — W 8 3 ° 36 ' 40 "

Current during the time — knots — fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at — ° ' "

Water expended during the preceding 24 hours — 300 gallons.

Water — during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 1400 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " — "

P. M.																
1	7	0	S by E	S E	2		30 13	70	70	69	71	bc	Str Cir Cum	7	S	
2	7	8	"	"	3		30 10	70	70	68	71	"	Str	9	"	
3	8	0	"	S E by S	3		30 08	70	70	68	71	"	"	9	"	
4	8	0	"	"	3		30 08	70	69	68	71	"	"	9	"	
5	3 6	0	SSW ½ W	S E	3		30 07	70	69	68	71	"	"	9	"	Set jib & F staysail M. trysail and spanker.
6	7	2	"	S S E	4		30 06	70	69	68	71	"	"	9	"	
7	7	4	"	S E by E	4		30 08	71	68	68	71	bcz	"	8	"	
8	8	0	"	E S E	5		30 10	70	68	68	71	"	Cum Str Nimb	5	"	
9	3 7	8	SSW ½ W	S S E	5		30 08	70	68	68	71	oc	Cum Nimb	0	"	
10	7	4	"	"	4		30 08	70	68	68	70	bc	"	3	"	
11	5	3 5	E S E	"	4		30 08	70	68	68	70	"	"	1	"	
Mid.	6	4	"	"	4		30 08	70	68	68	70	oc	"	0	"	

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by — at — ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Saturday April 12th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A M Clear and pleasant Stiff to gentle breeze from N N E Bar steady Smooth sea Under steam alone Steering courses N N W until three when course was changed to N N E ¾ E Sounding At 145 made Santa Maria Light and at 230 made Punta Piedras Light At 243 took cross bearings Punta Piedras Light (pres) N ¾ W Santa Maria Light bore (pres) N N W ½ W Fires in 6 boilers Av st pres 55 lbs

(Signed) W D Moore
Ensign

From 4 to 8 A M Clear and pleasant Gentle to moderate breeze from N N E and N E. Bar rising Smooth sea Steering 3 courses. At 440 changed course to N E by N. and at 530 to N E At 537 Santa Maria Light bore (pres) N W ½ N. and at 542 At ¼ N Sounding Fires in 6 boilers Av st pres 55 lbs 48 rev.

(Signed) C F Bruns
Midshipman

From 8 A M to Mid Clear and pleasant Light airs to moderate breeze from N E to E N E Bar steady at 30.25 Sea smooth Under steam Steering N E Sounding At 907 changed course to N by E ¼ E and at 935 to S E by E and reset both patent logs. Av rev 46. Av st pres. 55 lbs. Fires in 6 boilers

(Signed) J P Jouett
Master

From Mid to 4 P M Clear and pleasant Gentle breeze from N E and N E by N Smooth sea Bar falling Steering S E by E. Sounding every two miles bottom fine gray sand from 16 to 36 fms Passed two Mexican Pilot boats one of which saluted by dipping colors which we returned Under steam alone fires in 6 boilers Av st pres 55 lbs. Av rev 50

(Signed) S G Lemly
Ensign

From 4 to 6. Clear and pleasant Gentle to moderate breeze from N E to N N E Bar steady Smooth sea Under steam alone first hour added fore and aft sails second hour Steering S E by E. until 4 34 when course was changed to N W ½ W Fires in 6 boilers Av st pres 55 lbs 50 Rev. Sounding

(Signed) W D Moore
Ensign

From 6 to 8 P M Clear and pleasant Moderate to stiff breeze from N E by E + E N E. Bar rising Sea smooth Under steam + fore and aft sails Sounding every two miles Steering N W ½ W Fires in 6 boilers Av st pres 55 lbs Rev 55,

(Signed) C F Bruns
Midshipman

From 8 P M to Mid Overcast and cloudy Stiff to moderate breeze from N N E Bar steady Sea smooth Sounding Sighted Santa Maria Light at 820 2 fms on port bow Steering N W ½ W until 827 changed course to N W by W Hauled in fore topmast staysail and spanker changed course to E N E at 1014 Moon rose at 1045 Under steam and sail Av rev 52. Av st pres. 55 lbs. Having 6 boilers

(Signed) J P Jouett
Master

Moons phase 3d qr Dec S 23°

Examined and found to be correct

(Signed) C K Curtis
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate, 6 Guns,

At Sea Surveying

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb. -20	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.																
1	6	4	ESE	N. E	2		30 08	70	68	68	70	oc	Cum Nimb	0	S	Steam + Main Topsail
2	7	0	"	"	2		30 08	70	68	68	70	"	"	0	"	
3	7	8	"	"	2		30 08	70	68	68	70	oc	Cir Str	6	"	
4	7	6	"	"	2		30 05	70	68	68	70	"	Cir Cum	1	"	
5	7	3	"	N N E	2		30 05	70	67	67	70	oc	Cir Nimb + Str	0	"	
6	6	8	"	N E by N	2		30 05	70	68	68	70	"	Nimb	0	"	
7	6	8	"	N E	3		30 05	69	66	66	70	ocd	Cum + Nimb	0	"	
8	3	5	N ¾ E	"	2		30 07	69	64	64	70	bcd	"	0	"	Took in M Topsail
9	7	7	"	N.	0.1		30 08	69	66	66	69	"	Nimb	1	"	
10	7	7	"	"	1.2		30 08	66	68	68	69	"	Str Nimb	2	"	
11	7	6	"	N N	1		30 08	68	68	68	69	"	"	1	"	
Noon.	7	8	"	N	2-3		30 07	69	69	67	69	bc	"	2	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° ' "

Longitude by D. R. at Noon — ° ' "

Latitude by Observation at Noon ⊙ — S 34 ° 27 ' 20 "

Longitude by Chronometer from Forenoon Observations ⊙ — W 53 ° 26 ' 40 "

Current during the time — knots — fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at — ° ' "

Water expended during the preceding 24 hours — 300 gallons.

Water Condensed during the preceding 24 hours — 70 "

Water remaining on hand fit for use at Noon — 1030 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " — "

P. M.																
1	7	5	W ¾ S	S S W	2		30 07	69	69	69	69	bc	Cum Nimb	3	S	
2	7 ½	4 5	"	S E	0.1		30 05	69	69	69	69	"	Cir Str	6	"	
3	1	9	E S E	E	2		30 04	70	70	70	69	"	Cir Cum + Str	1	"	
4	7	2	"	"	2		30 03	70	70	70	69	"	"	2	"	
5	7	2	"	"	2		30 05	70	70	69	69	oc		1	"	
6	7	6	"	E by S	2		30 05	70	70	69	69	ocd	Cir Str + Nimb	0	"	
7	7	2	"	E	2		30 06	70	68	68	71	bcd	Nimb	0	"	
8	7	0	"	"	2		30 07	71	68	68	71	"	"	2	"	
9	1 ¼	9 6	N N E	"	2		30 06	70	67	67	70	"	"	0	"	
10	7	5	"	N	2		30 05	70	67	67	70	"	"	0	"	
11	7	3	"	"	2		30 05	69	68	69	69	oc	"	0	"	
Mid.	7	3	"	"	3		30 05	69	68	69	69	"	"	0	"	

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by — at — ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Sunday April 13th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 a m Overcast first two hours Clear last two Pleasant with light breeze from N & E Bar steady first three hours falling last. Smooth sea Steering E N E under steam & M. try sail Fires in 6 boilers Av pres 55 lbs Rev 52 At 2. braced up yards by stbd brace At 315 sighted a steamer on port bow standing to S.W. Got cast of lead every half hour Broken shells & sand from 17¼ to 20 ¾ fms

(Signed) S. L. Tolley
Ensign

From 4 to 8 A M Overcast and cloudy weather drizzling rain latter part of watch Light and gentle breeze from N N E to N E Bar steady until the last hour when it rose to 30.07 Smooth sea Under steam and Main try sail until 7 25 when we took in M try sail and changed course from E N E to N ¾ E Sounding Fires in 6 boilers Av at pres. 58 lbs Rev 57.

(Signed) C. P. Moore
Ensign

From 8 A M to Merid Partly overcast and cloudy with drizzling rain Calm to gentle breeze variable first hour afterwards from N.W. by N. Smooth sea Sounding at intervals of two miles Steering the course N ¾ E. Passed a German and Lambert & Stotte steamer both standing to the N.W. by E. Sighted land at 1125 three pts on stbd bow Fires in 6 boilers Av at pres. 55 Rev. 50 Distilling Land in plain sight at end of watch

(Signed) C. L. Browne
Midshipman

From Merid to 4 P.M. Weather cloudy but pleasant Light breeze from S to S.S.W. Bar falling slowly Sea smooth Steering W ¾ S. At 220 stopped engine and got bearings At 245 started on course E S E Stbd patent log showed 98¼ Port one 111½ Sighted two steamers standing to the N.W. One exchanged colors with us and saluted by dipping her colors which we returned Under steam using 6 boilers Av rev 50 St pres. 55

(Signed) A. P. Jouett.
Master.

From 4 to 6 P M Partly overcast but pleasant with light breeze from S steering E S E Under steam alone Fires in 6 boilers Av at pres. Rev. Last sight of Capt Castillo at 532

(Signed) S. L. Tolley
Ensign

From 6 to 8 P M Overcast cloudy and drizzling rain Light breeze from S Bar rising slowly. Smooth sea Under steam alone Sounding Fires in 6 boilers Av pres 55. Rev. 54

(Signed) C. P. Moore
Ensign

From 8 P M to Mid Overcast cloudy and drizzling rain Light to gentle breeze from S first hour then from N.W. Smooth sea Sounding Steering course E S E till 850 when changed course to N ¼ W. Av at pres 55 Rev. 50 Distilling

(Signed) C. L. Browne
Midshipman

Moons phase At last qr. Dec S. 23°

Examined and found to be correct.

(Signed) C. K. Curtis
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate, 6 Guns,

At Sea. Surveying

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-20						
1	6	6	Ot ½ N	N N Ot	2		30 04	69	68	68		oc	Cum Nimb	0	S	Steam Astern
2	3 4	2 0	Ot ½ S	"	2		30 03	68	68	68		bc	Cir Cum Nimb	4	"	
3	7	0	"	S Ot	2		30 03	68	68	68		"	Cum Nimb	0	"	
4	6	5	"	"	2		30 03	69	68	68		bc d	"	1	"	
5	2 3	7 8	S ½ E, Ot S E	"	2		30 03	70	68	70	70	bc z	Cum	6	"	
6	7	4	"	S E by E	1		30 03	70	68	70	70	"	Str Cir Cum	2	"	
7	7	4	"	"	1		30 04	70	68	70	70	"	"	2	"	
8	7	2	"	"	1		30 05	70	68	70	70	"	Cir Cum	8	"	
9	7	0	"	"	1		30 05	70	69	70	70	bc	Cir Cum + Str	4	"	
10	7	6	"	"	1		30 05	70	68	70	70	"	Cir Cum Nimb	2	"	
11	7	8	"	"	1		30 03	70	69	70	70	bc p	"	1	"	
Noon.	2 4	4 2	N N by W ½ W Ot N W Ot	"	2		30 02	69	70	70	70	oc p	Nimb	0	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° ' "

Longitude by D. R. at Noon — ° ' "

Latitude by Observation at Noon ⊙ — S 35° 16' 10"

Longitude by Chronometer from Forenoon Observations ⊙ — W 53° 38' 30"

Current during the time — knots — fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at — ° ' "

Water expended during the preceding 24 hours — 300 gallons.

Water Condensed during the preceding 24 hours — 720 "

Water remaining on hand fit for use at Noon — 1400 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " — "

P. M.															
1	6	6	N N by W ½ W	N by E	2	30 00	67	67	67	70	oc d	Nimb	0	E	
2	6	9	"	E E	1,2	29 98	68	67	68	70	bc p	Cir Str + Nimb	2	"	
3	7	2	"	"	2	29 98	68	67	68	70	bc	"	2	"	
4	7	4	"	"	0.1	29 98	69	69	69	70	"	"	1	"	
5	8	0	"	N N E	1	29 98	69	69	69	70	"	Cum Nimb	1	"	
6	7	8	"	N E	1	29 97	69	68	69	70	"	"	1	"	
7	3 3	2 2	N E ½ E	E N E	4	29 97	69	68	68	70	oc	"	0	"	
8	3 3	2 3	S W ½ W	"	5	29 97	69	68	68	70	bc	"	4	"	
9	5	0	S by E ½ E	E	4	29 99	70	66	66		"	Nimb Str	4	"	Hoisted jib set Mizzen sail and Spanker
10	7	8	"	N E	4	30 00	70	66	66		"	"	6	"	
11	8	2	"	E N E	4	30 00	70	66	66		"	"	4	"	
Mid.	8	0	"	"	3	30 00	70	66	66		oc	"	0	"	

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by — at — ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Monday April 14th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A M Weather cloudy. Light drizzling rain last hour. Light breeze from N to NNW & NW Bar steady Sea smooth At 1.15 sighted Santa Maria light bearing W 3/4 S Steering W 1/4 N. At 1.25 changed course to W 1/2 S Sounding under steam Av st pres 55 lbs. Rec 54 Using 6 boilers

(Signed) L. P. Jouett
Master

From 4 to 8 A M First part of watch partly overcast raining around the horizon Noticed as well defined rainbow to SE Last part clear and pleasant Bar rising Sea smooth At 4.25 changed course to SE. Passed a pilot boat standing to NNW At 6 (daylight) lost sight of Santa Maria light bearing (pr c) N W by N. distance about 15 miles Seaweed on surface of water at distance of 20 miles from shore. Under steam alone. Av pres 55 lbs. Rec 52 Distilling

(Signed) S. B. Lemly
Ensign

From 8 A M to Merid Overcast cloudy weather Passing showers of rain the rest of watch Light airs to light breeze from S E by E. Bar falling Sea smooth Under steam alone Sounding Steering course S E until 11.20 when it was changed to N W by W 1/4 W. Fires in 6 boilers Av st pres. 55 lbs. Rec 57

(Signed) G. P. Moore
Ensign

From Merid to 4 P M. Overcast and cloudy weather with drizzling rain first two hours. Smooth sea Bar steady Sounding Steering course N W by W 1/4 W Fires in 6 boilers Av st pres. 55 lbs Rec 50 Sighted land on point on stbd bow at 3.40 in sight from deck at end of watch Scraped spars

(Signed) J. C. Prune
Midshipman

From 4 to 6 P M Weather overcast and cloudy Light breeze from N NE & NE Bar steady at 29.98 Sea smooth Steering N W by W 1/4 W Sounding Under steam Av rec 57 Av st pres. 55 lbs

(Signed) L. P. Jouett
Master

From 6 to 8 P M Overcast first clearing up last hour Moderate to stiff breeze from E N E Bar steady At 6.28 changed course to N E 1/2 E stood on for six miles and at 7.27 changed course to S W 1/2 W Under steam Fires in 6 boilers Distilling Av pres 55 lbs. Rec 51

(Signed) S. B. Lemly
Ensign

From 8 P M to Mid Partly overcast cloudy pleasant weather Moderate to gentle breeze from E to N E Bar steady Smooth sea At 8.15 changed course to S by E 1/2 E and set jib M. topsail and spanker At 9.47 lost sight of Santa Maria Under steam and sail Sounding Fires in 6 boilers Av st pres. 55 lbs. Rec. 47. Distilling

(Signed) G. P. Moore
Ensign

Moon's phase Last qr. Dec S. 16d

Examined and found to be correct

(Signed) C. E. Curtis
Lieut.

Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate, 6 Guns,

At Sea Surveying

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-20						
1	6	4	Sby E ½ E	E by E	4		29 98	69	67	67	65	bc	Str Nimb	1	S	Jib M topsail & Spanker
2	7	0	"	"	4		29 97	69	67	67	65	"	Cir & Str Nimb	5	"	
3	7	0	"	NE	4.5		29 95	69	67	67	65	"	Cir Cum	2	"	
4	6	6	N by W	NE by N	5		29 94	69	67	67	65	"	Cir Cum & Nimb	2	"	
5	6	5	"	N by E	4		29 94	69	67	67	65	"	Cum Str	7	"	
6	7	2	"	N	3		29 94	69	67	67	65	"	Cum Str Nimb	6	"	
7	7	4	"	N by W	3		29 95	68	67	67	65	"	"	7	"	Took in spanker & jib
8	6	7	"	"	3		29 99	69	69	67	65	"	Cir Str	8	"	
9	7	0	"	N	3		29 99	69	67	67	65	"	"	9	"	
10	5	28	N by W	N NE	3		29 99	69	68	69	65	"	"	9	"	Took in M Topsail
11	7	2	N E ½ E	"	4		29 98	71	71	70	65	"	"	8	"	
Noon.	3	3	N E by E	"	5		29 97	74	73	72	65	"	"	8	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° ′ ″

Longitude by D. R. at Noon — ° ′ ″

Latitude by Observation at Noon ⊙ — S 34 . 48 . 30 ″

Longitude by Chronometer from Forenoon Observations ⊙ — W 5 4 . 27 . 20 ″

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ′ ″

Variation of the Compass by Azimuth ⊙ observed at — ° ′ ″

Water expended during the preceding 24 hours — 300 gallons.

Water condensed during the preceding 24 hours — 500 "

Water remaining on hand fit for use at Noon — 1600 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " — "

P. M.															
1	6	6	N E by E	E N E	3	29 94	74	72	72	70	bc	Cir Cum Str Nimb	5	S	
2	6	9	"	"	3	29 92	73	71	71	70	"	"	6	"	
3	5	3	N E by E ¾ E	"	3	29 91	72	71	71	70	"	"	7	"	Set Jib & Fstaysail M top sail and Spanker
4	5	7	E S E ¾ S	N E by E	3	29 91	72	69	69	70	"	"	7	"	
5	7	0	"	"	3	29 92	70	69	69	70	"	"	6	"	
6	6	8	"	"	3	29 90	70	68	68	70	"	"	5	"	
7	6	4	"	"	4	29 92	70	68	68	70	oc z	Cum Str	0	"	
8	6	0	"	"	4	29 92	70	68	68	70	"	"	0	"	
9	7	4	"	"	4	29 92	70	68	68	70	bc z w	"	4	"	
10	7	8	"	"	3	29 91	70	68	68	70	oc z w	"	0	"	
11	5	8	N ½ E	N by E	3	29 91	70	68	68	70	"	"	0	"	
Mid.	8	5	"	"	3	29 91	70	68	68	70	"	"	0	"	

Longitude by Chronometer from Afternoon Observations ⊙ — ° ′ ″

Longitude by Chronometer from Observations * — ° ′ ″

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ′ ″

Variation of the Compass by at — ° ′ ″

under the command of Commander H. L. Schley, U. S. Navy,

Tuesday April 15th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A M Overcast and cloudy weather Moderate to stiff breeze from E by S to N E by N Bar falling Sounding Steering course S by E ½ E till 3 P M when hauled down jib and took in M trysail and spanker and changed course to N by W resetting the sails Rec at pres 55 lbs. Rec 49 Moon rose at 2 55

(Signed) G L Bruns
Midshipman

From 4 to 8 A M. Clear and pleasant Moderate breeze from N N E to N by W Bar rising Sea Smooth Under sail and steam At 6 40 took in jib and spanker Steering N by W Three sails in sight At 8 pres. 55 lbs. Rec 52 Using 6 boilers Distilling

(Signed) L P. Jouett
Master

From 8 A M to Merid Clear and pleasant. Gentle to moderate breeze from N to N N E Bar falling Sea smooth At 9 took in Maintrysail At 9 10 changed course to N by W At 10 0 changed course to N E ½ E and reset patent log. and at 1 30 to N E by E Sounding at different intervals bottom at from 14 3/4 to 11 fms sand and mud At 9 15 mustered and inspected at quarters Punta Piedras light house bore (p c) W W ½ W at end of watch Under steam fires in six boilers At 8 pres. 55 lbs Rec 46 Distilling By order of Comdg Officer Samuel Griffin (Seaman) was rated (Ord) John Kenyon (O S) to Seaman and W W Sheldon (O S 2 Cl) to O S. from this date

(Signed) J G Lemly
Ensign

From Merid to 4 P M. Clear and pleasant weather Gentle breeze from E N E. and N E by E Bar falling slowly Smooth sea At 12 35 sighted Santa Maria light dead ahead At 1 40 lost sight of Punta Piedras light At 2 47 changed course to N E by E 3/4 E At 3 09 Santa Maria light bore (p c) N W by W At 3 15 N by W. ½ W. and course was then changed to E S E 3/4 E and fore and aft sail set. Under steam Sounding Fires in 6 boilers At 8 55 lbs Rec 50

(Signed) G. D. Moore
Ensign

From 4 to 6 P. M. Clear and pleasant. Gentle breeze from N E by E. Bar falling slowly Sounding Steering course E S E 3/4 E Under steam and fore and aft sails Fires in 6 boilers At 8 pres. 55 Rec 50 Distilling

(Signed) G L Bruns
Midshipman

From 6 to 8 P M Overcast cloudy and hazy Moderate breeze from N E by E Bar steady Sea smooth Under steam and sail Steering E S E 3/4 E Rec 50 At 8 pres 50 lbs Distilling

(Signed) L P Jouett
Master

From 8 P M to Mid Overcast hazy and damp Gentle breeze from N E by E to N by E Bar steady Sea smooth At 10 40 changed course to W N W ½ W Under steam and fore and aft sail Fires in 6 boilers. At 8 pres. 55 lbs Rec 47. Distilling

(Signed) J G Lemly
Ensign

Moons phases 4th qr Dec S 11°

Examined and found to be correct.

(Signed) C H Curtis
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate, 6 Guns,

At Anchor Off Maldonado Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-20						
1	7	6	SW ½ S	S.	3		29 90	71	68	68		ocq	Nimb Str	0	S	Under steam F. T staysail
2	7	4	"	"	3		29 88	71	68	68		"	"	0	"	M. trysail spanker & Jib
3	7	4	"	SSE	3		29 87	70	68	68		"	"	0	"	
4	7	4	"	"	3		29 86	70	67	67		"	"	0	"	
5	6	9	"	SSW by W	4		29 85	69	67	67		"	"	0	"	
6	7	4	"	W SW	4		29 85	69	67	67		"	"	0	"	
7	7	2	"	"	4		29 85	69	68	68		bcd	Nimb	0	"	Took in F. T. staysail Jib
8	6	4	"	SW by W	3		29 87	69	67	68		ocq	"	0	"	and spanker
9	6	0	"	"	2		29 89	69	67	68		ocd	"	0	"	
10	5	5	"	W.	2		29 87	69	69	69		ocq	"	0	"	
11	Standing into			W SW by W	2		29 87	69	68	69		"	Cum Nim	0	"	Took in M Trysail
Noon.	Maldonado bears E. to anchor			"	2		29 87	69	69	70		"	"	0	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours 300 gallons.

Water ~~condensed~~. during the preceding 24 hours 700 "

Water remaining on hand fit for use at Noon 2000 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.												
1	SW by W	S SW	2	29 85	70	70	70	ocq	Cum Nimb	0	S	
2	"	"	2	29 85	70	70	70	"	"	0	"	
3	SW W	"	1	29 81	70	70	70	"	"	0	"	
4	"	"	1	29 81	70	70	70	"	"	0	"	
5	SW S	"	2	29 80	70	70	69	cc	Nimb Cum	0	"	
6	"	S SSE	2-3	29 82	70	67	68	bcd	Str Nimb	0	"	
7	S W by W	"	2	29 86	70	67	68	ocd	"	0	"	
8	"	"	2	29 86	70	67	68	oc	"	0	"	
9	W	S	1	29 86	70	67	68	octq	Cumb Str	0	"	
10	"	"	2	29 86	70	67	68	"	"	0	"	
11	"	"	2	29 86	70	67	68	"	"	0	"	
Mid.	W.	"	2	29 86	70	67	68	ocn	Nimb	0	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Wednesday April 16th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast cloudy damp and hazy weather Gentle breeze from W and N.W.by.W Barometer falling slowly Smooth sea Under steam and sail Sounding Fires in 6 boilers As at 12 M. 50 lbs Revs 45. Steering course Steering course N.½ E.

(Signed) G. F. Moore
Ensign

From 4 to 8 A.M. Overcast and disagreeable weather Moderate to Gentle breeze from N.W.by.N Light drizzling rain last hours At 5.10 sighted Punta Piedras two points on stbd bow. at 7 landed in plain sight ahead and on stbd bow At 7.40 hauled down and stowed F.T. Staysail At 7.50 stowed jib and hoisted pipe spanker As at 8 AM 45 lbs. Revs 45 Distilling

(Signed) G. L. Bourne
Midshipman

From 8 A.M. to Noon Cloudy overcast and light drizzling rain first hour of watch Light breeze from N.W.by.N At 9.45 changed course to N.W.by.N and took in M. Staysail At 11.15 came to in Maldonado harbor with stbd chain veering to 45 fms Bearings at anchor. Wooden Pier (pier) N.W.by.N ½ N. North point Gorritos Island N.W.by.N ½ N. Draught of water forward 13 ft 5 in Amidships 14 ft 7½ in Aft 15 ft 10 in. Fires banked in 6 boilers

(Signed) L. P. Jouett
Master

From Noon to 4 P.M. Overcast hazy but pleasant Light airs to light breeze from S.W.by.W Bar 29.81 at 4. Smooth sea Got up and overhauled both bower chains and paid them below again Fire banked in 6 boilers As at 4 AM 37 lbs. Distilling

(Signed) G. C. Cooley
Ensign

From 4 to 6 P.M. Overcast cloudy weather Heavy scud drove over from S. first part of watch Light breeze from S.W.by.W. Bar steady. Smooth sea Fires banked in 6 boilers As at 8 AM. 25 lbs Distilling.

(Signed) G. F. Moore
Ensign

From 6 to 8 P.M. Overcast and cloudy weather Light drizzling rain Light and gentle breeze from S.S.E. Bar steady Smooth sea Banked fires As at 8 AM. 25 lbs Distilling

(Signed) G. L. Bourne
Midshipman

From 8 P.M. to Mid Overcast cloudy and drizzling rain last hour Light breeze from S. Bar steady Sea smooth Banked fires Distilling

(Signed) L. P. Jouett
Master

Moored Head 4th qr Dec S 6°

Examined and found to be correct.

(Signed) G. H. Curtis
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate, 6 Guns,

At Anchor off Maldonado Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										72°						
1			NE by E	SE	5.7		29 86	70	65	66		oc qr	Nimb	0	S	
2			"	"	5.7		29 86	70	65	66		"	"	0	"	
3			E by N	"	5		29 86	70	65	66		oc	"	0	"	
4			E by E	"	5		29 86	70	65	66		"	"	0	"	
5			NE by E	SE by E	6.7		29 87	69	66	66		oc qw p m	"	0	"	
6			"	"	6.7		29 87	69	66	66		oc qr	"	0	"	
7			NE	SE	6.7		29 88	69	64	66		"	"	0	"	
8			ENE	SE by E	6.8		29 90	67	65	64		"	"	0	"	
9			NE by E	"	5.7		29 93	67	65	66		"	"	0	"	
10			"	"	5.8		29 94	68	65	66		"	"	0	"	
11			ENE	SE	5.8		29 94	68	66	66		"	"	0	"	
Noon.			NE by E	"	5.8		29 94	68	67	66		"	"	0	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours 300 gallons.

Water ~~Condensed~~ during the preceding 24 hours 600 "

Water remaining on hand fit for use at Noon 2300 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.														
1			ENE	ESE	5.7		29 95	68	66	66		oc q d	Nimb	0	S	
2			"	"	5.7		29 95	68	66	66		"	"	0	"	
3			NE by E	"	5.7		29 95	68	66	66		oc p q	"	0	"	
4			"	"	5.7		29 95	68	66	66		"	"	0	"	
5			"	"	6		29 95	68	66	65		oc p	"	0	"	
6			"	"	6		29 95	68	66	65		oc	"	0	"	
7			"	"	8		29 94	68	66	65		oc q	"	0	"	
8			ENE	"	8		29 94	68	65	65		o cg q l	"	0	"	
9			"	"	6.9		29 94	68	65	65		o cg q l	"	2	Mk	
10			"	E	6.9		29 94	68	65	65		o cg q l	"	0	"	
11			NE by E	E by S	6.9		29 94	68	65	65		oc q g	"	0	"	
Mid.			ENE	E	6.9		29 94	68	65	65		"	"	0	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Thursday April 17th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A M Overcast squally and raining first two hours Moderate gale to stiff breeze from N.E. shifting first hour to E S E Smooth sea Bar steady at 29.86

(Signed) S. B. Lemly
Ensign

From 4 to 8 A M Overcast cloudy and equally throughout Misty and threating first hour Raining last three hours Fresh breeze to moderate gale in heavy squalls from S E and S E by E Bar rising slowly Smooth sea Veered successively to 45 and 60 fms outside the hawse on the stbd chain Fires banked in 6 boilers As at pres. 25 lbs Distilling

(Signed) C. W. Moore
Ensign

From 8 A M to Mid Overcast cloudy and rainy weather Stiff breeze to moderate gale blowing in very heavy squalls from S E by S and E S E Bar rising 29.94 at noon. Smooth sea. Fires banked in 6 boilers As at pres 25 lbs Distilling

(Signed) G. L. Browne
Yeoman

From Mid to 4 P M Overcast cloudy and rainy Stiff breeze to Moderate gale from E S E blowing in squalls. Bar steady Sea smooth Examined shell room flood cock and found them to be in good working condition Fires banked in 6 boilers As at pres. 25 lbs. Distilling

(Signed) L. P. Jouett
Master

From 4 to 6 P M Overcast but pleasant, with passing rain showers Very fresh breeze from E S E blowing in puffs at times Smooth sea Bar steady. Fires banked in 6 boilers As at pres 25 lbs. Distilling

(Signed) S. B. Lemly
Ensign.

From 6 to 8 P M Overcast cloudy thick and gloomy weather Thick scud driving over from the S E Squally with lightning last hour Blowing a Moderate gale from E S E Bar steady smooth Fires banked in 6 boilers As at pres 25 lbs Distilling

(Signed) C. W. Moore
Ensign

From 8 P M to Mid Overcast cloudy and gloomy weather with lightning first two hours. Fresh breeze to strong gale from E S E to E blowing in very heavy squalls Bar steady Moderate sea Fires banked in 6 boilers As at pres. 30 lbs. Distilling

(Signed) G. L. Browne
Yeoman

Moore Shaw 4th qr Dec S. 0° W

Examined and found to be correct.

(Signed) C. K. Curtis
Lieut
Navigator.

LOG of the UNITED STATES Steamer Essex , 3rd Rate, 6 Guns,

Off Maldonado Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-2°						
1			ESE	Eby S	4.7		29 95	68	66	66		ocg	Nimb	0	S	
2			"	"	4.7		29 95	68	66	66		"	"	0	"	
3			"	"	4.7		29 95	68	66	66		"	"	0	"	
4			SEbyE	"	4.7		29 95	68	66	66		"	"	0	"	
5			"	SE	4.6		29 95	68	66	66		ocgz	"	0	"	
6			"	SEbyE	4.6		29 95	68	66	66		"	Nimb Str Cum Cir	0	"	
7			"	"	6		29 95	68	66	66		ocz	Nimb Str	0	"	
8			"	"	6		29 95	68	66	66		"	"	0	"	
9			ESE	"	5.6		29 95	68	66	66		"	Nimb	0	"	
10			SE	ESE	5.6		29 96	69	66	66		"	"	0	"	
11			"	SEbyE	5		29 96	69	67	66		ocz	"	1	"	
Noon.			SEbyS	SE	5		29 96	69	67	66		"	Cir Cum + Nimb	1	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours 300 gallons.

Water ~~Condensed~~ during the preceding 24 hours 800 "

Water remaining on hand fit for use at Noon 2800 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.																
1			SE	SE	5		29 95	69	67	67		bc	Cir Cum + Nimb	4	S	
2			SSE	SEbyS	4.5		29 95	69	66	66		"	"	4	"	
3			"	SE	5.6		29 94	69	66	66		"	"	4	"	
4			"	"	5.6		29 94	69	66	66		"	Cir Cum	6	"	
5			SEbyS	"	4		29 94	69	65	65		"	Cir Str	7	"	
6			"	"	4		29 94	69	65	65		"	Cir Cum Str	7	"	
7			SE	"	4		29 94	69	65	64		"	"	8	"	
8			S		4		29 95	69	65	64		"	"	8	"	
9			"	SSE	2.3		29 95	69	64	64		"	Nimb	7	"	
10			SbyW	S	3		29 95	69	64	64		"	"	4	"	
11			"	SbyE	3		29 95	68	64	64		"	"	8	"	
Mid.			SSW	SE	3.4		29 95	68	64	64		oc	"	1	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Friday April 18th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast and cloudy Moderate to very fresh breeze from E by S Wind in squalls Bar steady Sea smooth Fires banked in 6 boilers As at pres 25 lbs. Distilling
(Signed) L. P. Jouett
Master.

From 4 to 8 A.M. Overcast and hazy all the watch Squally first two hours Moderate to fresh breeze from S.E by E Bar steady 29.95 Sea smooth Two Spanish brigs got underway and stood up the river Fires banked in 6 boilers As at pres 25 lbs. Distilling
(Signed) S. W. Lemly
Ensign

From 8 A.M. to Merid Pleasant weather Overcast cloudy and hazy Fresh to stiff breeze from E.S.E to S.E Bar steady Smooth sea At 9.5 mustered and inspected at Quarters Inspected and aired bedding Stopped distiller at 9.25 Fires banked in six boilers As at pres 25 lbs. (Signed) E. P. Moore
Ensign

From Merid to 4 P.M. Partly cloudy and pleasant weather Moderate to fresh breeze from S.E and S.E by S Bar falling slowly Smooth sea At 1 loosed sail to dry furled sail at 3.10 Fires banked in 6. boilers As at pres. 25 lbs Signaled from shore (intr code) J. Y. b. and D. 2 T. J. answered and made T. B. V. K. and D. G. M.
(Signed) C. F. Prime
Midshipman

From 4 to 6 P.M. Weather clear and pleasant. Moderate breeze from S.E. Bar steady Sea smooth A Pilot boat came in and anchored Fires banked in 6 boilers As at pres 25 lbs.
(Signed) L. P. Jouett
Master

From 6 to 8 P.M. Clear and pleasant Moderate breeze from S.E Bar rising 29.95 at 8. Smooth sea Fires banked in 6 boilers As at pres 25 lbs
(Signed) S. W. Lemly
Ensign

From 8 P.M. to Mid Pleasant weather Clear at first but gradually became overcast and cloudy Light to moderate breeze from S to S.E. Bar steady Smooth sea Fires banked in six boilers As at pres 25 lbs
(Signed) E. P. Moore
Ensign

Moons phase 4th qr Dec. 4.5°

Examined and found to be correct.
(Signed) C. K. Curtis
Lieut
Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,

At Sea Surveying

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-2°						
1			NbyE	SbyW	3		29.94	67	64	64		ocz	Str Nimb	0	S	
2			"	S	4		29.95	67	64	64		bcbzg	"	3	"	
3			"	"	3		29.95	66	63	63		bc	"	6	"	
4			NbyE	"	2		29.95	66	62	62		"	Cir Cumf & Nimb	8	"	
5			NbyE	SbyW	1		29.95	66	62	62		"	"	6	"	
6			"	"	1		29.95	66	63	63		"	"	3	"	
7			ESE	SE	1		29.95	65	63	63		"	Cir Cumf	6	"	Under steam alone
8	4	9	ESE by E½E	"	1		29.97	65	65	65		"	Cir Str	8	"	
9	5	9	SE½E	SbyW	3		29.99	65	64	64	70	"	"	6	S	
10	7	4	"	"	4		29.99	65	63	63	70	"	"	8	"	
11	7	6	"	NbyW	4		29.99	65	63	63	70	"	"	8	"	
Noon.	7	6	"	"	4		29.97	65	63	63	70	"	"	6	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° ' "

Longitude by D. R. at Noon — ° ' "

Latitude by Observation at Noon ⊙ — S 35° 25' 30"

Longitude by Chronometer from Forenoon Observations ⊙ — W 3-4 49' 30"

Current during the time — knots — fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at — ° ' "

Water expended during the preceding 24 hours — 300 gallons.

Water — during the preceding 24 hours — "

Water remaining on hand fit for use at Noon — 2500 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " — "

P. M.															
1	7	3	SbyW½W	NbyW	4		29.96	65	63	62	70	bc	Cir Str	9	S	
2	6	3	"	"	4		29.93	65	62	62	70	"	"	9	"	
3	5	4	"	"	4		29.92	65	63	62	70	"	"	9	"	
4	6	5	NbyW½W by W½W	"	5		29.92	66	65	63	70	"	"	9	"	Hauled down F Staysail
5	6	1	"	"	6		29.92	66	64	63	70	"	"	9	"	Hauled down jib and
6	7	0	"	"	6		29.91	66	64	63	70	"	"	9	"	hailed up spanker
7	6	8	"	NbyW by W½W	6		29.92	66	64	64	70	"	"	9	"	
8	6	6	"	"	6		29.93	66	64	64	70	"		8	"	
9	3	0	NbyW½W by W	"	6		29.93	66	65	64	70	"	Str	9	"	
10	5	6	"	"	5		29.93	66	65	64	70	"	"	9	"	
11	2	5	NbyW by W½W	"	5		29.93	67	65	64	70	"	"	9	"	
Mid.	5	5	"	"	5		29.93	67	65	64	70	"	"	9	"	

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by — at — ° ' "

under the command of Commander W. S. Schley, U. S. Navy,

Saturday April 19th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Began overcast and cloudy Clearing up last two hours Bar steady 29.95 Smooth sea Light to moderate breeze from S by W to S blowing in puffs Fires banked in 6 boilers Av st pres. 20 lbs

(Signed) C. L. Brune
Midshipman

From 4 to 8 A.M. Weather clear and pleasant Light airs from S W and S E Bar rising slowly Sea smooth At 6.30 hove up stbd anchor and stood out of Mallorca harbor in charge of pilot under steam At 7.45 steered course W by S 3/4 S Draught of water 13 ft 5 in Amidships 14 ft 7 in Aft 15 ft 10 in Av st pres 50 lbs Revs 44.

(Signed) L. F. Jouett
Master

From 8 A.M. to Mid. Clear and pleasant Gentle to moderate breeze from S W to W S W Bar falling last hour 29.97 at noon Sea smooth with long swell At 8.11 changed course to S 78 E. At 8.12 took departure East Point light bore (S C) W S W 3/4 W. Centre of Lobos Island S S W. Set all fore and aft sail at 9. Sighted two sail steering with standing to S W 1/2 S Fires in 6 boilers Av st pres 55 lbs. Revs 49. Sounding every three miles bottom mud gray sand and shells at from 20 3/4 fms to 12 fms

(Signed) S. B. Lemly
Ensign

From Mid to 4 P.M. Clear and pleasant Moderate to stiff breeze from W. Bar falling Smooth sea Sounding on the course S W by S until 2.50 when changed course to W by N 1/4 N Under steam and fore and aft sail Took in F. D. staysail at 3.10 Fires in 6 boilers Av st pres 55 lbs Revs 49.

(Signed) C. W. P. Moore
Ensign

From 4 to 6 P.M. Clear pleasant weather Fresh breeze from W. Moderate sea Bar falling Steering the course W by N 1/4 N. Under steam and fore and aft sail until 5.20 at which time hauled down jib and took in spanker Fires in 6 boilers Av st pres 55 lbs. Revs 47. At 5.45 sighted Punta Negra two points on stbd bow Mustered at quarters at 5.45

(Signed) C. L. Brune
Midshipman

From 6 to 8 P.M. Cool and pleasant Stiff to fresh breeze from W by N Bar rising slowly. Moderate sea. At 7.45 set fore topmast staysail At 7.50 got a cast of lead in 13 3/4 fms. bottom dark gray sand and shell Under steam steering W by N 1/4 N At 8 o'clock patent log registered 36 3/4 miles Av st pres. 55 lbs Revs 45.

(Signed) L. F. Jouett
Master

From 8 P.M. to Mid. Clear and pleasant. Stiff to fresh breeze from W by N. Moderate sea Bar steady At 8.20 sighted East Point light from topsail yard (S C) W by S At 8.30 changed course to W by N 1/2 N. at 10.30 W by N At 11.30 took in fore and aft. sail Got a cast of lead from every hour. bottom mud at about 12 fms Passed several lights Fires in 6 boilers Av st pres. 55 lbs Revs 43. Patent log read at midnight 63 miles

(Signed) S. B. Lemly
Ensign

Moons phase Last qr. Dec. N 10°

Examined and found to be correct.

(Signed) C. H. Cartes
Lieut
Navigator.

LOG of the UNITED STATES Steamer Essex , 3rd Rate, 6 Guns,

Off Montevideo Uruguay and at Sea

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-2°						
1	5	5	SE by E	SW	5		29 95	67	64	64		b	Horse	10	S	Under steam alone
2	5	6	Standing into	"	5		29 95	67	63	64		"	"	10	"	
3	5	6	Monte Video		5		29 95	67	63	64		bc	Horse	5	"	
4	5	8	"	SW & W	5.6		29 95	67	62	63		bcq	"	2	"	
5	In charge	"		S SW by S	6		29 95	67	63	63		bc	Strat Cumulus	8	"	
6	of Pilot	"		S by W	4.6		29 99	67	63	63		"	Cir Cumulus	6	"	
7			S		4		30 01	66	65	64		"	"	4	"	
8				S by E	3		30 03	66	65	64		"	"	2	"	
9			S S E	S S E	3		30 05	66	65	65		"	"	2	"	
10			Standing into	SW & W	3		30 07	67	65	65		"	"	4	"	
11			anchorage		3		30 11	67	65	65		"	Cir Cumul	5	"	
Noon.			S E by S	S S E	3		30 11	67	65	65		"	"	5	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ′ ″

Longitude by D. R. at Noon ° ′ ″

Latitude by Observation at Noon ⊙ ° ′ ″

Longitude by Chronometer from Forenoon Observations ⊙ ° ′ ″

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ′ ″

Variation of the Compass by Azimuth ⊙ observed at ° ′ ″

Water expended during the preceding 24 hours 300 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 2200 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.																
1			S S E	S by E	3		30 10	67	65	65		bc	Cir Cum + Str	6	S	
2				"	3		30 10	67	66	66		"	"	6	"	
3			E S E	"	3		30 10	67	66	66		"	"	5	"	
4			S E	"	3		30 10	67	66	66		"	"	4	"	
5			S by E	"	3		30 12	66	64	64		"	"	5	"	
6			S by E	"	3		30 12	65	63	63		"	"	4	"	
7				S S E	3		30 12	65	62	62		"	"	4	"	
8			S S E	"	3		30 14	65	62	62		"	Cum Nimb	5	"	
9				"	1.2		30 17	65	62	62		"	"	2	"	
10			S E	"	1.2		30 17	65	62	62		"	"	3	"	
11			"	"	2		30 17	65	62	62		"	"	1	"	
Mid.			"	"	1.2		30 17	65	62	62		oc	"	1	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ′ ″

Longitude by Chronometer from Observations * ° ′ ″

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ′ ″

Variation of the Compass by at ° ′ ″

under the command of Commander H. S. Schley, U. S. Navy,

Sunday April 20th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and ends 4 a 7s Pleasant weather Clear first part becoming cloudy latter part of watch Stiff breeze from N. first three hours of watch Stiff to fresh breeze in squalls from N. & W. last hour. Bar steady Smooth sea Standing into Monte Video in charge of pilot Fires in 6 boilers As at pres 5 3 lbs Revd 41. At 1235 sighted Flores light ahead At 2 sighted El Cerro light from deck At 230 sighted Ey bet Bank light At 4 Flores Island light on stbd beam. English bank light on port beam Ships head N. & W. ½ W.

(Signed) G. P. Moore
Ensign

From 4 to 8 A. M. Partly cloudy but pleasant weather Gentle to fresh breeze from S. W. by S. to S. by E. Bar rising 30.13 Smooth sea At 410 sighted Rio Bravo light bearing N. ½ W. At 603 came to off Monte Video with stbd anchor in 7 fms water veering to 30 fms on stbd chain Bearings at anchor (pc) El Cerro N. ½ W. by N. Rio Bravo light N. ½ W. Draught of water forward 13 ft 5 in Amidships 14 ft 7½ in Aft 15 ft 10 in Log line parted and lost propeller of patent log. Banked fires after coming to anchor. As pres. At end of watch 5 lbs

(Signed) G. P. Brune
Midshipman

From 8 A. M. to Merid Clear and pleasant. Gentle breeze from S. S. E. & E. N. S. W. Bar rising Smooth sea At 930 got underway under steam and at 1115 anchored in the harbor of Monte Video in 3½ fms of water with stbd anchor veering to 45 fms. El Cerro bore N. ½ W. (pc) and ½ E. corner of Custom House E. ½ N. (pc) Draught of water forward. 13 ft 5 in Amidships 14 ft 7½ in Aft. 15 ft 10 in As at pres 55 lbs. Fires banked in 6 boilers

(Signed) L. P. Jouett
Master

From Merid to 4 P. M. Clear and pleasant. Gentle breeze from S. by E. Smooth sea At 1755 hauled fires and lowered smoke stack Pilot left the ship. Bar steady 30.10 at 4

(Signed) S. W. Seely
Ensign

From 4 to 8 P. M. Clear and pleasant. Gentle breeze from S. S. E. to S. by E. Sent at liberty party on shore until tomorrows morning Bar rising slowly Sea smooth

(Signed) L. P. Jouett
Master

From 8 P. M. to Mid Overcast last hour. Partly overcast with a few stars visible first three hours. Smooth sea Bar steady 30.17 Light airs to light breeze from S. S. E.

(Signed) S. W. Seely
Ensign

Moore's Chart Lieut gr. Dec 15th ⅞.

Examined and found to be correct.

(Signed) W. H. Curtis
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate, 6 Guns,

Harbor of Montevideo Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-2°						
1			SSbyS	S	2		30 17	65	62	62		bc	Haint	1	S	
2				NS	1		30 17	65	62	62		"	"	2	"	
3			SE	SSE	2		30 17	65	62	62		"	"	7	.	
4				SE	2		30 17	65	62	62		"	"	7	.	
5			SSbyS	"	1		30 17	65	62	62		"	"	6	"	
6			SbyS	"	1		30 18	65	62	62		oc	Cum Nimb	0	.	
7			SbyS	"	1		30 20	65	62	62		"		0	.	
8			ESE	"	2		30 21	65	61	61		bc	Cir Cum + Nimb	2	.	
9			SE	"	2		30 22	65	62	62		"	"	2	.	
10			SSbyS	"	2		30 23	64	62	62		"	"	1	.	
11			SE	"	2		30 23	65	63	63		"	"	2	"	
Noon.			SSbyE	"	2		30 23	65	63	63		"	"	6	.	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours 300 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 1900 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.																
1			SSE	SS	2		30 22	65	64	64		bc	Cir Cum + Str	7	S	
2				SSbyS	2.3		30 21	65	63	64		"	"	7	"	
3			S	SS	2.3		30 20	65	63	64		"	"	8	"	
4			SbyS	"	3		30 20	65	63	64		"	Cirrus	9	"	
5			SSbyS	"	3		30 20	65	63	64		"	"	9	"	
6			S	"	2		30 20	65	63	64		"	"	9	"	
7				S	2		30 20	65	62	62		"	"	9	"	
8			SbyS		2		30 20	65	62	62		"	"	9	"	
9			ESE	NS	2		30 20	65	61	61		bc	"	10	"	
10			SbyS	"	2.4		30 20	64	61	61		"	"	10	"	
11			SbyN	"	3.5		30 20	64	59	60		"	"	10	"	
Mid.			NNE	NNS	3.4		30 20	63	59	60		"	"	10	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander N. S Schley, U. S. Navy,

Monday April 21st, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A M Partly overcast cloudy and pleasant weather Gentle breeze to light airs from N E to S E Bar high and steady Smooth sea

(Signed) W. P. Moore
Ensign

From 4 to 8 A M. Pleasant weather Overcast and cloudy part of watch Light airs to light breeze from S E. Bar rising Smooth sea Liberty party returned. Took on board from U. S. Grant. 50 lbs fresh beef 154 lbs of vegetables

(Signed) L. P. Jouett
Master

From 8 A M to Merid Partly overcast first three hours of watch Clearing up last hour Light breeze from S.E. Smooth sea Bar steady 30 23 at noon Crew engaged in cleaning ship

(Signed) S. L. Lemly
Ensign

From Merid to 4 P M Clear and pleasant Light to gentle breeze from S E. Bar high but falling. Smooth sea Royal Mail Steamer came in from seaward The French mail steamer went out.

(Signed) W. P. Moore
Ensign

From 4 to 8 P M. Clear pleasant Light breeze from S E and E Bar steady at 30 20 Smooth sea Sent a mail to Pacific Mail Steamer Made preparations for coaling ship

(Signed) S. L. Lemly
Ensign

From 8 P M to Mid. Perfectly clear pleasant weather Light to stiff breeze from N E and N N E. Bar high and steady Smooth sea

(Signed) W. P. Moore
Ensign

Moon's phases New Moon Dec. 19th 7h.

Examined and found to be correct.

(Signed) C. K. Curtis
Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate, 6 Guns,

Harbor of Monte Video Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-20						
1			NbE by E	NbE	4		30 20	63	58	60		bz.	Hone	10	S	
2			NbE	NbE by N	4		30 20	62	58	59		"	"	10	"	
3			"	"	4		30 20	61	57	59		bcz	Str	9	"	
4			"	NbE	4		30 20	60	57	58		"	"	9	"	
5			NbW	"	3		30 20	60	57	58		bc	"	9	"	
6			"	NbE by E	3		30 20	60	57	58		"	"	9	"	
7			N	N	2		30 20	60	57	58		"	"	9	"	
8			NbE	"	2		30 20	60	57	58		"	"	9	"	
9			E	"	2		30 20	60	57	58		"	"	9	"	
10			NbE	"	3		30 20	62	63	64		"	"	9	"	
11			NbE by E	NbE by W	3		30 20	63	66	66		"	Str Cirlus	9	"	
Noon.			NbE	"	3		30 18	64	66	66		"	Cir.	5	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise ° ' "

Variation of the Compass by Azimuth ⊙ observed at ° ' "

Water expended during the preceding 24 hours 300 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 1600 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.																
1			NbW	NbW	3		30 10	65	71	69		bc	Cir Cum	6	S	
2			"	"	3		30 10	66	70	68		"	"	7	"	
3			"	NbE by W	3		30 12	67	70	68		"	"	8	"	
4			NbW by W	NbW	3		30 11	67	70	69		"	"	8	"	
5			NbE by W	"	2		30 11	67	68	68		"	Cir	9	"	
6			"	NbW by E	2		30 10	67	67	67		"	Cir Str	9	"	
7			"	NbE by E	1.2		30 10	67	67	67		bcz	Str	9	"	
8			NbW	NbW by E	1		30 10	65	67	65		"	"	9	"	
9			E by W	NbW by W	2.3		30 10	65	64	64		"	"	9	"	
10			E by W	"	3		30 10	65	64	64		bz	Hone	10	"	
11			NbE by W	NbW by E	2		30 11	66	63	63		"	"	10	"	
Mid.			NbW		2		30 11	66	62	62		"	"	10	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander A. S. Schley. , U. S. Navy,

Tuesday April 22d , 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM. Clear hazy and very damp Moderate breeze from N.E. to N.N.E. Bar steady Smooth sea

(Signed) G. L. Brune
Midshipman

From 4 to 8 A.M. Clear and pleasant Light to gentle breeze from N.N.E. to N. Smooth sea Bar steady at 3.20 At 6 began coaling ship stopped at 7.50 for breakfast having received about 46 tons Hoisted colors to H.B.M. gunboat "Elk" as she came in to anchor Received fresh provisions for crew

Signed S. G. Lemly.
Ensign

From 8 A.M. to Merid. Clear and pleasant Light to gentle breeze from N. and N.by W. Bar high and steady until last hour when it fell Smooth sea Sent an officer to make a visit of courtesy to the English gunboat "Elk" Received a return visit from the "Elk" Finished coaling ship having received on board 160 tons and 1800 lbs.

(Signed) G. D. T. Moore
Ensign

From Merid to 4 P.M. Clear and pleasant Gentle breeze from N.N.W. to N. Bar falling 3.00 at 4. Smooth sea The U.S. Coast steamer Hermanus left the harbor at 2.30 Engaged clearing ship after coaling

(Signed) G. L. Brune
Midshipman

From 4 to 8 P.M. Clear and pleasant Light breeze to light airs from N. to N.N.E. Bar steady Smooth sea U.S.S. Garnet came in and anchored Sent an officer to her to make the customery visit of courtesy. Mustered at quarters at 5.15 and served out clean hammocks

(Signed) G. D. T. Moore
Ensign

From 8 P.M. to Merid Clear and pleasant hazy around horizon Light to gentle breeze from N.N.E. to N.E. by N. Bar rising Smooth sea

(Signed) G. L. Brune
Midshipman

Moore's Chart First qr Dec. N 22°

Examined and found to be correct.

(Signed) G. K. Curtis
Lieut
Navigator.

LOG of the UNITED STATES, Steamer Essex, 3d Rate, 6 Guns,

Harbor of Montevideo Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-2°						
1			N by E	N by E	3		30 10	65	61	61		bc z	Cir Str	9	S	
2			N	"	3		30 09	64	66	66		"	"	9	"	
3			"	"	3		30 09	63	58	59		"	"	9	"	
4			"	"	3		30 09	63	58	59		"	"	9	"	
5			"	N N E	3-4		30 10	63	58	59		bc	Cirro	10	"	
6			N by W	N by E	3		30 10	63	58	59		bc	Str	9	"	
7			N	"	2		30 10	63	58	58		"	"	9	"	
8			N by W	N by W	2		30 10	63	58	60		"	"	9	"	
9			N by E	N N W	3		30 12	64	62	62		"	"	9	"	
10			N E	"	3		30 13	65	64	64		"	Cir Str	8	"	
11			E N E	"	3		30 13	66	67	66		"	"	7	"	
Noon.			E by N	"	3		30 13	68	67	67		"	"	8	"	

Distance run by Log since preceding Noon — knots — fathoms.

Latitude by D. R. at Noon — ° ' "

Longitude by D. R. at Noon — ° ' "

Latitude by Observation at Noon ⊙ — ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ — ° ' "

Current during the time — knots — fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise — ° ' "

Variation of the Compass by Azimuth ⊙ observed at — ° ' "

Water expended during the preceding 24 hours — 300 gallons.

Water Received during the preceding 24 hours — 1500 "

Water remaining on hand fit for use at Noon — 2800 "

Coal consumed during the preceding 24 hours — tons — lbs.

Coal remaining on hand at Noon — " — "

P. M.																
1			N E by E	E N E	2		30 10	69	68	68		bc	Cir Str	7	S	
2			E	N by E	2		30 08	70	69	68		"	"	6	"	
3			N E by E	N	2		30 06	70	69	69		"	"	6	"	
4			N N E	N E	2		30 06	71	70	70		"	"	6	"	
5			N by E		3		30 06	70	69	69		"	"	7	"	
6			N E	E N E	3		30 05	69	68	69		"	"	9	"	
7				"	2		30 05	68	67	68		"	"	9	"	
8			N by E	N N E	2		30 06	68	67	67		"	"	9	"	
9			N E by N	N E	1		30 06	68	66	66		bc z	Str	9	"	
10			N E	"	1		30 06	68	66	66		"	"	9	"	
11			"	"	2		30 09	68	68	66		"	"	9	"	
Mid.			"	"	2		30 09	68	66	66		"	"	9	"	

Longitude by Chronometer from Afternoon Observations ⊙ — ° ' "

Longitude by Chronometer from Observations * — ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset — ° ' "

Variation of the Compass by — at — ° ' "

under the command of Commander A. S. Schley, U. S. Navy,

Wednesday April 23rd, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 A.M. Weather clear and pleasant. Hazy around horizon. Gentle breeze from W by S. Bar falling slowly. Smooth sea.
(Signed) L. P. Jouett
Master

From 4 to 8 A.M. Clear and cool. Moderate to light breeze from W.N.W. to W by S. Bar steady at 30.10. Smooth sea. Scrubbed hammocks.
(Signed) C. P. D. Moore
Ensign

From 8 A.M. to Merid. Clear and pleasant. Gentle breeze from W.N.W. Bar rising slowly 30.15 at noon. Smooth sea. Received 1500 gals. fresh water. Engaged painting ship outside.
(Signed) C. L. Brune
Midshipman

From Merid. to 4 P.M. Clear and pleasant. Light breeze from S.W. & S. Bar falling. Sea smooth. At 115 went to quarters and turned in hammocks. An officer from H.M.S. "Garnet" paid an official visit on board.
(Signed) L. P. Jouett
Master

From 4 to 8 P.M. Clear cool and pleasant. Light to gentle breeze from W.N.W. to E.N.E. Bar unsteady. Smooth sea.
(Signed) C. L. Brune
Midshipman

From 8 P.M. to Mid. Clear and pleasant hazy around horizon. Light airs to light breeze from E.S.E. Bar rising. Sea smooth.
(Signed) L. P. Jouett
Master

Moons Phase. First qr. At. 24h

Examined and found to be correct.
(Signed) C. K. Curtis
Lieut
Navigator.

LOG of the UNITED STATES Steamer Essex , 3d Rate, 6 Guns.

Harbor of Monte Video Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										72						
1			NE	NE	4.5		30 08	67	62	62		bc	Cir Str	8	S	
2			"	"	4.6		30 07	67	61	62		"	"	6	"	
3			"	NNE	4.6		30 07	66	61	62		oc Rw	Cumb	0	"	
4			NbyN	"	3		30 07	66	61	62		bc w	"	0	"	
5			NbyE	NE	3		30 07	66	60	61		bc w	"	3	"	
6			"	NEbyN	3		30 08	65	60	61		"	Cir Str Cumb	6	"	
7			N	NNE	2		30 10	64	60	62		bc	Cir Str	8	"	
8			"	"	2		30 10	66	63	62		"	"	7	"	
9			NNE	N	2		30 11	66	66	64		"	"	5	"	
10			NEbyN	"	2		30 11	66	71	66		"	"	5	"	
11			EbyS	"	2		30 11	68	71	70		"	"	3	"	
Noon.			EbyN	"	2		30 10	70	72	72		"	"	2	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise " ' "

Variation of the Compass by Azimuth ⊙ observed at " ' "

Water expended during the preceding 24 hours 300 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 2500 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.												
1	SEbyS	NE	1	30 08	70	72	70	bc	Cir Str & Cumb	2	S	
2	SSE	SSE	2	30 06	70	72	70	"	"	1	"	
3	SE	"	2	30 05	70	70	70	"	"	1	"	
4	NNE	"	2	30 05	70	70	70	"	"	1	"	
5	NbyN	N	1	30 05	71	71	70	"	"	2	"	
6	"	"	1	30 04	71	69	68	"	"	3	"	
7	N	Calm	0	30 04	70	68	69	bcz	Str	1	"	
8	NbyN	"	0	30 04	70	67	68	"	"	8	"	
9	NE	"	0	30 04	70	67	68	"	Cum Nimb	8	"	
10	ESE	NNE	2	30 04	69	67	68	"	"	4	"	
11	NE	"	2	30 04	69	67	68	"	Cir Cum	8	"	
Mid.	"	"	2	30 04	69	67	68	"	"	9	"	

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander A. A. Ackley, U. S. Navy,

Thursday April 24th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 A.M. Clear and pleasant first two hours foggy and damp last two Gentle to fresh breeze from N.E. to N. Bar steady 30.07 Sea smooth (Signed) A. L. Semly Ensign

From 4 to 8 A.M. Commenced cloudy and very damp. Clear and pleasant latter part. Light to gentle breeze from N.E. to N.N.E. Bar rising 30.10 at 8. Smooth sea Engaged in tarring down. (Signed) W. F. Bryne Midshipman

From 8 A.M. to Merid. Clear and pleasant Light breeze from N. Bar steady at 30.10 at 12. Sea smooth Scraped gaffs and bright wood work of bridge. (Signed) H. P. Jewett Master

From Merid. to 4 P.M. Partly overcast but pleasant with light airs to light breeze from N. first hour and S.S.E. remainder of watch Bar falling first two hours Steady last two Smooth sea At about 2. U.S.S. "Mallard" came in and anchored (Signed) A. L. Semly. Ensign

From 4 to 8 P.M. Clear and pleasant hazy last two hours. Light breeze from N. first two hours. Calm last two hours Bar falling slowly. Sea smooth (Signed) H. P. Jewett Master

From 8 P.M. to Mid. Clear and pleasant Calms first hour Light breeze from N.N.E. rest of watch Smooth sea Bar steady at 30.04 (Signed) A. L. Semly Ensign

Moored ship First qr Dec Lat. 26°

Examined and found to be correct.

(Signed) C. H. Cantey Lieut

Navigator.

LOG of the UNITED STATES Steamer Essex , 3d Rate, 4 Guns.

Harbor of Montevideo Uruguay

Hour.	Knots.	Fathoms.	Courses Steered.	WINDS. Direction.	WINDS. Force.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at surface	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A. M.										-2°						
1			NE by N	NE by N	2		30 04	69	65	65		bc	Str	9	S	
2			N NE	N NE	1.2		30 04	69	65	65		"	"	9	"	
3			N by W	N	2		30 03	67	63	63		"	"	9	"	
4			N NW	N by W	1.2		30 03	67	63	63		bcz	"	9	"	
5			N W	N NE	0.1		30 03	65	62	62		"	"	9	"	
6			NE by N	N by E	1		30 03	64	60	60		"	"	9	"	
7			NE	N	1		30 03	64	60	60		"	"	9	"	
8			N NE	"	1		30 04	65	62	64		"	"	9	"	
9			N	N by E	2		30 04	65	65	66		"	"	9	"	
10			S	S by E	2		30 05	67	67	67		"	Cir Str	6	"	
11			S S E	S E	2		30 05	68	68	68		"	"	8	"	
Noon.			S E by S	N E	2		30 04	68	68	68		"	Cir Str Cumul	8	"	

Distance run by Log since preceding Noon knots fathoms.

Latitude by D. R. at Noon ° ' "

Longitude by D. R. at Noon ° ' "

Latitude by Observation at Noon ⊙ ° ' "

Longitude by Chronometer from Forenoon Observations ⊙ ° ' "

Current during the time knots fms. per hour setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise " ' "

Variation of the Compass by Azimuth ⊙ observed at " ' "

Water expended during the preceding 24 hours 300 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 2200 "

Coal consumed during the preceding 24 hours tons lbs.

Coal remaining on hand at Noon " "

P. M.											
1	S by W	NE	2	30 00	69	69	69	bc	Cir Str Cumul	4	S
2	S S E		1.2	29 98	70	70	70	"	"	5	"
3	E	S E	0.1	29 97	71	71	71	"	"	5	"
4	S by E	S S E	1.3	29 97	70	70	70	"	"	2	"
5	N E	S E	3	29 97	70	69	69	"	"	4	"
6		"	3	29 96	70	68	68	"	"	6	"
7	N by E	"	1.2	29 96	69	68	68	"	Cir Str	9	"
8	E by N	"	2	29 97	69	67	68	"	"	8	"
9	"	N E	1	29 97	69	67	68	"	Str	7	"
10		"	1	29 97	69	67	68	"	"	8	"
11	E	N N E	2	29 95	69	67	68	bcz	"	7	"
Mid.	S S E	"	2	29 95	67	66	67	bczd	"	7	"

Longitude by Chronometer from Afternoon Observations ⊙ ° ' "

Longitude by Chronometer from Observations * ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset ° ' "

Variation of the Compass by at ° ' "

under the command of Commander N. A. Schley, U. S. Navy,

Friday April 25th, 1879.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A M Clear and pleasant Light breeze to light airs from N E by N to N by W Bar falling slowly Smooth sea

(Signed) S. B. T. Moore
Ensign

From 4 to 8 A M) Clear and pleasant Hazy around horizon Light airs from N'd & E'd Bar steady Sea smooth Received on board ins Pay Dept. 154 lbs fresh beef and 154 lbs of vegetables from U. S. Evans. The American brigantine Myra was towed into inner harbor

(Signed) L. P. Jouett
Master

From 8 A M to Merid Clear and pleasant Light breeze from N and N by E first two hours. and from S by E and S E last two Bar steady at 30.05 Smooth sea At 9.20 exercised at fire quarters Engaged in painting white streak on outside Aps Italian steamer came down the river and anchored.

(Signed) S. B. Lemly
Ensign

From Merid to 4 P.M. Partly overcast cloudy pleasant weather Light breeze light airs and gentle breeze from N E to S E. Bar falling slowly Smooth sea

(Signed) S. B. T. Moore
Ensign

From 4 to 8 P.M. Clear and pleasant. Light airs to gentle breeze from S E. Bar rising 29.97 at 8. Smooth sea

(Signed) S. B. Lemly
Ensign

From 8 P M to Mid. Hazy damp pleasant weather Light airs and light breeze from N E and N N E Bar falling Smooth sea

(Signed) S. B. T. Moore
Ensign

Moored ship at First qr Dec. N. 26°

approved and forwarded at Punta Tiburon Uruguay May 7th 1879

N. A. Schley
Comd. Comdg.

Examined and found to be correct.

(Signed) B. F. Curtis Lieut
Navigator.